

FALL & SPRING

1958-59

Catalog

ASTRONOMICAL TELESCOPES

REFLECTORS

REFRACTORS

TELESCOPE PARTS, SUPPLIES & ACCESSORIES

BUILD-YOUR-OWN TELESCOPE KITS

EVERYTHING IN OPTICS!

FROM

COAST INSTRUMENT INC.

IN OPTICS SINCE 1933



Inside front cover of the Coast Instrument, Inc. catalog for Fall & Spring 1958-1959.
Coast Instrument executive Roger (last name unrecalled) is seen with a 10-inch Treckerscope in front of the Astronomers Monument at Griffith Observatory & Planetarium, Los Angeles, CA.

PRICE LIST

STOCK NUMBER	ITEM	PRICE
104	CASSEGRAIN "SKY GIANT"	$1,695.00
	TRECKERSCOPES:	
100-D	6" DeLuxe	495.00
100	6" Standard	295.00
101-D	8" DeLuxe	575.00
101	8" Standard	375.00
102-D	10" DeLuxe	875.00
102	10" Standard	675.00
103-D	12-1/2" DeLuxe	1,150.00
103	12-1/2" Standard	995.00
105	6" PATHFINDER telescope	199.50
308	4-1/4"	74.50
820	3-1/2"	59.50
309	3"	29.95
3000	3" Moonscope	14.95
	REFRACTORS:	
310	4"	247.00
311	3"	125.00
815	2.4" Equatorial	139.50
600	2.4" Alt-Azimuth slow motion	149.50
809	2.4" " " w/o slow motion	99.50
601	50mm	49.50
804	40 x 60	34.95
803	30 x 40	19.95
801	Vari-Power	15.95

STOCK NUMBER	ITEM		PRICE
		10x	7.50
825		Penscope	9.95
1000		60mm Balscope Spotter	115.00
675		additional eyepieces	25.00 ea.
		60mm Bushnell Spacemaster	95.00
602		additional eyepieces	22.50 ea.
803		30 x 40 spotter	19.95
	BAUSCH & LOMB RIFLESCOPES:		
676		4x	65.00
677		6x	75.00
678		8x	85.00
679		Variable: 2-1/2x - 4x	80.00
680		2-1/2x - 8x	99.50
681		6x - 24x	160.00
	BUSHNELL RIFLESCOPES		
		2-1/2x	39.50
603		3x	42.50
604		4x	49.50
605		6x	59.50
606		8x or 10x	69.50
607 - 608		Command post:	10.00 add'l.
1001, 2-1/2x; 1002, 4x; 1003, 6x:		HUNTMASTER	9.95
	TRECKERMOUNTS:		
133-D		6" DeLuxe	320.00
134-D		8" DeLuxe	320.00
135-D		10" DeLuxe	395.00
136-D		12-1/2" DeLuxe	495.00
133		6" Standard	120.00
134		8" Standard	120.00

STOCK NUMBER	ITEM		PRICE
135	10" Standard		195.00
136	12-1/2" Standard		295.00
107, 4-1/4"; 106, 6"; 108, 8":	PATHFINDER EQUATORIAL MOUNT		74.50
	OCULARS (Eyepieces)		
250, 26 6mm; 251, 20mm, 253, 16mm; 254, 10mm; 255, 6.6mm	ORTHO-STAR		19.50 ea.
252	ERFLE ORTHO-STAR		29.50
256 22mm; 257, 16mm; 258, 11mm	DAVIDSON - any mm		15.00 ea.
259	DAVIDSON ADAPTOR		3.50
307	KELLNER - 28mm		7.95
312	KELLNER - 2"		6.00
313	HUYGENS COMBINATION		9.00
314	HUYGENS 12.5mm		8.00
315	HUYGENS 6mm		8.50
	MOUNTED RAMSDEN:		
316		1"	4.25
317		1/2"	4.50
318		1/4"	4.75
400	GOODWIN RESOLVING POWER LENS		23.50
319	MOUNTED BARLOW LENS		8.00
	REFRACTOR-SIZE OCULARS		
609	4mm		15.95
610	6mm		14.95
611, 9mm; 612, 12.5mm:	9mm & 12.5mm		9.95
613	20mm		12.95
614	25mm		14.95
615	40mm		12.95
616	Variable		14.95
320	Adaptors		1.75

STOCK NUMBER	ITEM	PRICE
	MIRRORS - COMPLETE	
2000	4-1/4"	50.00
2001	6"	62.50
2002	8"	95.00
2003	10"	195.00
2004	12-1/2"	282.50
	MIRRORS - REFIGURING	
	6"	37.50
	8"	55.00
	10"	80.00
	12-1/2"	125.00

Note: These prices standard provided the focal length is greater than f/4, and does not require excessive polishing or regrinding. On refiguring jobs, scratches that cannot be removed without grinding will remain on the optical surface.

	OPTICAL KITS	
2005	3"	15.55
2006	4-1/4"	20.85
2007	6"	76.20
2008	8"	108.70
	ALUMINIZING	
	3"	4.85
	4-1/4"	6.00
	6"	6.00
	8"	8.00
	10"	10.00
	12-1/2"	15.00
	14"	25.00
	16"	40.00

STOCK NUMBER	ITEM	PRICE
	DIAGONALS - 1/4th wave:	
318	7/8"	3.50
319	1-1/16"	3.75
320	1-1/4"	3.75
321	1-1/2"	5.75
322	1-7/8"	12.00
	1/10th wave:	
2009	3/4"	8.00
2010	1"	8.50
2011	1-1/4"	10.50
2012	1-1/2"	13.50
2013	1-3/4"	17.50
2014	2"	22.00
2015	2-1/2"	27.00
2016	2-3/8"	25.00
2017	3"	45.00
	MIRROR GRINDING KITS	
2018	4-1/4"	7.95
2019	6"	10.95
2020	8"	14.95
2021	10"	27.20
2022	12-1/2"	45.75
	PITCH LAP MATS	
900	4-1/4"	3.00
901	6"	3.00
902	8"	4.00
903	10"	5.00
904	12-1/2"	6.00
	COAST INSTRUMENT MIRROR CELLS:	
120	6"	6.95
121	8"	10.95
122	10"	17.95
123	12-1/2"	21.00

STOCK NUMBER	ITEM	PRICE
301	4-1/4" MIRROR MOUNT	3.95
300	3" MIRROR MOUNT	2.95
	COAST INSTRUMENT DIAGONAL HOLDERS:	
125	6"	11.50
126	8"	11.50
127	10"	14.95
128	12-1/2" (2-3/8" minor axis)	16.95
128-A	12-1/2" (2-1/2" minor axis)	19.95
	ONE-VANE DIAGONAL HOLDERS:	
323	4-1/4"	1.00
324	6"	1.00
	EYEPIECE FOCUSING MOUNTS:	
132	HYDRO-GLIDE	18.50
137	HELAJUST	9.95
325	Slide focusing mount	2.50
	FINDERSCOPES:	
130	TRECKER FINDER:	18.50
303	6x finder	8.00
304	8x finder	13.90
	FIBERGLASS TUBES:	
3001	6"	21.00
3002	8"	33.00
3003	10"	65.00
3004	12-1/2"	82.00
	ALUMINUM TUBES:	
326	2"	3.00
327	3"	6.00
328	4"	8.75
329	5"	9.00
330	7"	15.00

STOCK NUMBER	ITEM	PRICE
	SPIRAL WOUND CARDBOARD TUBING:	
331	3-3/4"	1.50
332	5-1/4"	2.50
333	7-3/8"	4.00
334	Set I	4.50
335	Set II	4.50
	CLOCK DRIVES:	
105	TRECKER 110v. drive:	82.50
109	MICRO-ADJUSTMENT:	165.00
110	SLOW-MOTION CONTROL - Declination:	49.50
111	SETTING CIRCLES (pair)	27.50
	BOOKS:	
	1.	10.00
	2. (Vol. I)	5.00
	(Vol. II)	6.00
	(Vol. III)	7.00
	3.	3.95
	4.	.75
	5.	3.50
	6.	10.00
	7.	1.00
	8.	.75
	9.	4.95
	10.	1.00
	11.	6.00
	12.	2.50
	13.	2.50
	14.	2.50
	15.	5.00
	16.	4.50

ITEM	PRICE
17.	.25 & 1.00
18.	.20
19.	2.75
20.	.50
21.	.40
22.	.50
23.	1.00
24.	.25
25.	3.50
26.	.50
27.	4.00
28.	1.65
29.	12.00
30.	5.25
31.	10.00
32.	2.00
33.	1.95
34.	1.95
35.	6.00
36.	3.95
37.	9.75 DeLuxe 5.25 Standard
38.	.50 copy 5.00 year
39.	.75
40.	4.00
41.	12.00
42.	4.50
43.	2.50
44.	1.00
45.	6.50
46.	5.95

CRATING CHARGES:

6" Treckerscopes	all	$17.00
8"	"	$19.00
10"	"	$22.00
10" "	Sky-giant	$25.00
12½" "		$24.00
Pathfinder Mounts,	all	$8.00
6" & 8" Trecker Mounts,		$10.00
10"	"	$12.00
12½"	"	$15.00

COAST INSTRUMENT, INC.
GArfield 2-3411 or NEvada 6-7683
4811 LONG BEACH BLVD.
LONG BEACH 5, CALIFORNIA

HOW MUCH POWER DO YOU NEED?

Most of the advertising you've seen in magazines probably have made wild claims regarding the power of their telescopes. These claims run up into the many hundreds in power of magnification. In mathematical theory it is possible to increase power hundred-fold by extending focal length and using more powerful eyepieces, but power is useless without good resolution. (Resolution being clarity or ability to see objects distinctly). This being a problem of optical physics, it is readily seen that every objective refractor lenses or reflector mirror has limits of resolution directly proportional to its size in diameter.

When you attempt to exceed this limit the clarity of the image being viewed becomes less distinct. Staying within these limits you can have wonderful results viewing the moon, planets and distant nebulae with telescopes from 3" to 12" using relative low power. Select your telescope with this thought in mind, keep the accent on resolution...not power alone.

WHAT YOU SHOULD KNOW, LOOK FOR AND DEMAND BEFORE BUYING ANY TELESCOPE

Many people buy telescopes "sight unseen" -- by mail -- and it is not possible for the purchaser to check in person all the very necessary qualities his telescope should possess. There are two ways, however, that a prospective owner may be assured he is buying the best.

First -- In the United States there are now almost 200 astronomical groups and societies. where members congregate in meetings and hold observation parties in summer months. Each member usually brings his own portable telescope -- and as larger telescopes are not so easily portable, the "Star Parties" are often held at the homes of those who have the larger instruments. At these parties, the performances of many telescopes can be compared by looking through various telescopes; in this way one may make tests on clear nights with a minimum of star twinklings, and determine which telescope performs the best -- per aperture, and fulfill the requirements he is looking for.

Second -- One may read all of the various advertising, peruse the multitude of brochures that are available, then decide in his own mind which company has the best reputation, and which company will supply him with a superior instrument at the best price.

But before we enter into this discourse as to what one should know, look for and demand before buying a telescope, we will first answer a common question:

WHICH TYPE OF TELESCOPE SHOULD I BUY, A REFLECTOR OR A REFRACTOR?

First, let us remind you that you SEE wonders of the heavens only in proportion to the light gathering area of a mirror or objective. A 3" and a 4" objective only yield 7-1/4 and 12-8/14 square inches light gathering area, respectively, whereas a 6" mirror gathers 28 square inches of light. (The area of a circle is 11/14 of the diameter squared). Our 8" TRECKERSCOPE mirror has 50-4/14 square inches light gathering area, and our 10" TRECKERSCOPE mirror has 78-8/14 square inches light gathering area, and our 12-1/2" TRECKERSCOPE mirror has 122-8/14 square inches light gathering area. As the TRECKERSCOPES are guaranteed to resolve to the Dawe's Limit (which applies equally to both reflectors and refractors), the advantages of the TRECKERSCOPE are readily apparent.

A reflector is, in principle and practice, COLOR FREE, while a refractor is not without some color, despite being achromatic. Just view any first magnitude star with a refractor,

such as Sirius, Vega, Arcturus, Rigel, Capella, etc., and you will note a gob of color around it, due to increased light pressure of a first magnitude star throwing off, somewhat, the color correction of an achromatic objective. This injected color is naturally proportionate to the magnitude of a star or planet -- colors of blue and orange are seen around bright planets such as Jupiter with "not-so-good" objectives, and color in a refractor can be injected by misfit eyepieces, not in optical alignment with the objective.

In contrast, note the appearance of a first magnitude star seen through a TRECKER reflector telescope -- YOU WILL IMMEDIATELY NOTE THE STARTLING DIFFERENCE! It is easy for a very small refractor to show up well on a bright object, such as the Moon, and to take good photos of the lunar craters -- but when it comes to seeing and photographing the planets and faint nebulae, far more light-gathering area in square inches is prohibitive in cost compared to the best 6" reflector available -- a TRECKERSCOPE! The longer tube of a standard f/15 focal length refractor is subject to slight movements under a light breeze, which under high powers is magnified accordingly, and blurs good viewing, as well as attempts at time exposures in photography -- whereas, the shorter f/8 focal length standard for a reflector (approximately only half as long) -- in ratio of 8 to 15 -- combined with the utter rigidity of TRECKER telescope mountings permits long time exposures of celestial objects with sharpest results. Reason: Relative non-flexure of the tube and its mounting.

We can give you this information completely impartially, for even though we do not manufacture refractor telescopes, we do have what we feel are the finest refractors available today, in sizes from 40mm to 4", with a 6" in the offing. Practically all of our refractors carry a 20-year unconditional guarantee, too, so the quality of the instruments may readily be seen, as no one else gives this startling guarantee. Therefore, it is immaterial to us which type we sell. But, if one is desirous of using his telescope mainly for astronomical purposes, it is our studied opinion that the reflector is, by far, the best purchase possible. You get much more for your money, in the way of performance (increased resolving power, light-gathering capacity, etc.) in the reflector than in the refractor. And -- contrary to what you may have been told -- a reflector requires no more maintenance than does a refractor, nor is it more difficult to use! We have available a means of eliminating diffraction patterns which permits those interested to resolve close double stars. Our aluminized, quartz overcoated mirrors will last, under good care, for as long as ten years, possibly longer, without realuminizing.

Assuming now that the prospective owner of a telescope wishes to make a purchase to "end all telescope purchases", and one which will give life-long, super performance, with resulting top-value personal pride, and has decided on a reflector-type -- HERE IS WHAT ONE SHOULD KNOW, LOOK FOR AND DEMAND IN A REFLECTOR TELESCOPE.

Of first and prime importance is the excellence of high precision optics -- not only in the mirror and diagonal, but in the eyepieces as well. Oculars (eyepieces) should be figured in the optical train, and not furnished with disregard to the vital importance of this optical harmony. On a steady air night, with least upper air turbulence, (which you can tell by minimum twinkling of the stars), a highly precise mirror and optical train, like the TRECKERSCOPE optics, should show the fine, black, thread-like cracks on the Moon's surface, here and there. Each surface area of the mirror, from center to circumference, masked off, should show equal, high-precision sharpness -- such as the ability to read the fine type sizes on a newspaper 1500 feet away, in the early morning, before the Sun causes heat waves in the air. TRECKERSCOPES, of 6", 8", 10" and 12-1/2" apertures, will meet these tests superbly!

Next, only to the very necessary, high-precision, optics of a reflector, is the steadiness of the mounting. The slightest vibration, or play, in the bearings of a mounting will be magnified according to the power employed. While the human eye may not always note the vibrations, they result in one's failure to discern SHARP DETAILS. The eye must adjust itself -- be accustomed to viewing an image for a few seconds -- and in those few seconds, if imperceptible tremors occur, due to a non-rigid mounting, under air currents, or continuing vibration, after touching or focusing, the eye cannot have a steady enough image to discern sharply. The same applies to celestial photography. Any magnified movement of the image photographed results in lack of finest detail -- even if a blur of motion is not visible.

One of the many acid tests of the excellence of TRECKER mirrors is that, with apertures of 8 inches up, Jupiter's moons can be seen as clean-cut orbs (balls), instead of as mere points of light. With the 12-1/2" TRECKER telescope, the markings on Jupiter's largest moon, Ganymede, can be made out plainly on good nights of minimum upper air turbulence. New TRECKERSCOPE owners have written in to say that they feel that "....even Dawe's Limit, perhaps, should be revised with the excellence of the TRECKERSCOPE optics!" This is true tribute to TRECKERSCOPE superiority.

Our TRECKERSCOPES are the best that can be made. THERE ARE POSITIVELY NO FINER OPTICS AVAILABLE, IN TELESCOPES, ANYWHERE AT A HIGHER PRICE -- this we guarantee! TRECKER mirrors are NOT mass-produced by machines, like surfaces of mass-produced lenses. Each TRECKER mirror is meticulously hand-figured. Every fractional square inch -- from center to circumference -- must pass rigid tests in yielding the exact same sharpness of detail as every other masked off area before it is worthy to bear the name and reputation of "TRECKER". And TRECKER TELESCOPES ARE MADE IN AMERICA!

"The best always possesses added degrees of excellences never to be found in 'near-bests'", according to an old adage. With your TRECKER super telescope, your ship to the Skies, you roam at will, visiting all the awesome, charming wonders of Time, Space and Eternity in the radiant meadows of night. There are always things "going on" in the skies, often announced in advance by the astronomical publications. Aside from Solar and Lunar eclipses, we have occasional comets, periodic meteor showers, with now and then, possible in a lifetime, the "Nova" (explosion) of a star. There are variable stars, and pulsating ones -- the variables often periodically eclipsed by an invisible dark companion. There are the realms of the nebulae, supposed to be worlds in the forming. The Orion Nebula presents a breathless, awesome astonishment. There are transits of Venus and Mercury across the Sun -- conjunctions of planets -- Their close approaches, such as the recent opposition of Mars. Astronomy furnishes an ennobling and inspiring relaxation, totally disassociated from things "Earthly". And he who studies the stars will discover: "An endless fountain of Eternal drink -- pouring unto us from Heaven's brink!"

Briefly, then, points to look for and demand are these:

1. Excellence of optical workmanship and design.
2. Mechanical perfection.
3. Ease of portability.
4. Ease of operation.
5. The quality, and appearance, that gives you that "pride-of-ownership" look!

TRECKERSCOPES provide all these:

1. Optics guaranteed to perform to the theoretical limit (Dawe's).

2. Mechanically perfect: Maximum rigidity, and employing our newly developed, 90° unit cast, special alloy aluminum bearings and housing, giving more precise and easier movement of the axes than in any other possible methods. Teflon inserts are provided at the thrust points. Wool bearing shock absorbers which effectively dampen vibrations transmitted through the earth.

3. Ease of portability: TRECKERSCOPES through 8" may easily be carried in any normal automobile; easy removal of one leg permits mount to be stored in car trunk. Casters (snap-out) for easy local movement around home. Even 10" and 12-1/2" are portable, too, but require that the tube be carried on top of the car.

4. Ease of operation -- even the Standard models have semi-rotatable tubes which permit correct positioning of oculars for relaxed observation. THIS IS MOST IMPORTANT -- compare this feature for comfortable, prolonged viewing.

5. Pride of Ownership results from your knowing you have the best available at ANY price, both mechanically and optically, and from the handsome appearance of the TRECKERSCOPES, created by advanced engineering and design.

6. Twenty-year guarantee.

The following are excerpts from recent unsolicited letters sent in to us by our customers, and are an indication of the pleasure and years of viewing satisfaction you will receive from your TRECKERSCOPE. These are a few of the comments received, and the original letters are on file at our office in Long Beach, California.

....I want to express our sincere thanks for the help and cooperation you have given us in this matter. We have appreciated it greatly.
We have had a streak of bad weather, but about two nights ago I was able to get a look at Jupiter. It was superb! Detail was so readily resolvable that it looked as though Dawe's Limit would have to be revised....
Thanking you again, I remain,

Ernest Kent, Jr., (Rockford, Illinois)

. ..The Trecker Scope continues to bring us great pleasure.

Because we are a family of school principal, teacher, and student, our greatest regret is that we can spend only weekends out of doors. You'd be surprised how much will power is involved.
You would have enjoyed our star-gazing last Friday evening. We took the Scope to Waihee, a small sugarcane community, and set it up on the lawn of the school, where my husband is the principal. Then about 100 boys and girls and their elders, (until the PTA meeting began) formed a circle that went round and round and had themselves a fine time looking at the moon and Saturn and Mars. (One boy said, when he looked at the moon, "Oh, look at the pukas!" (A puka is Hawaiian for a hole). A very young child asked where the people were, and the teen-agers likened Saturn to a flying saucer. We could see two of Saturn's moons (several nights we have seen three). While Armond was at the meeting, I stood for 2 hours and 45 minutes adjusting the scope whenever some child jarred it, and whenever anybody said " I no see nothing". I adjusted for the movement of the earth (no electricity handy, so no clock mechanism). You know how exciting it is to look at the heavens? Well, you can imagine how the thrill increases when you are watching boys and girls having their first real look at a planet or the moon. Friday night's experience was memorable.
Our first view of Mars, soon after the Scope arrived, was the best; the polar cap was quite conspicuous....Mars looked wonderful Friday night!

Mrs. Armond Janssen (Maui, Hawaii)

....The setting circles are much more convenient....I am also very pleased with the rotating tube mounting....And of course the bushings are things of beauty to someone who has had the Dec. freeze. In short I thank you very much....

R. P. Hall, M.D. (Sunnyside, Washington)

....The 8" DeLuxe Telescope manufactured by your company arrived this week, and I am delighted with its appearance....
I have had the opportunity to use the instrument for the last two nights and am delighted with the initial results. Most of all I am delighted with the ease of adjustment and the ability to quickly locate the stars wanted....

Mr. G. Philip Stout (Baltimore 28, Maryland)

....I find the manual drive works very well and the optics are superb. I find the eyepiece and the Barlow lens make a wonderful combination. I have not seen a telescope within $500.00 of the price that could compare with my Treckerscope. I am well pleased with

its performance....

Mr. W. V. Beane (Atlanta 12, Georgia)

....I am writing you in regard to my 10" Treckerscope....we looked at Jupiter and the Orion Nebula, and, need I say, there was no comparison to my 10". (We compared it with several other scopes, including a 6" refractor). It was far and away better. In fact, one of my astronomer friends said that it was better than the 9" refractor that we have here at Case Tech Observatory....I am very pleased with the optics....

Mr. George L. Dennison (Fairview Park, Ohio)

....Zeta cancri, sep. 1" and 5" (triple) is a beautiful sight and I have resolved it quite clearly and received concentric circles around each star. I used 270x....
I have attended many star parties and can say from experience and comparison that the Treckerscope gave superior results every time. People have waited in lines to look through it and groups admire its simplicity of design and high precision versatility. I could go on and on but suffice to say that I am very proud of my Treckerscope and wish to convey, once again, my appreciation for the excellent service you of Coast Instrument have given me....

Allen Hull (Norwalk, California)

....The scope is beautifully designed from the standpoint of practical use....and I feel that as I become more familiar with it, it will become easier and easier in its operation....
Night before last, we had beautiful weather here and I spent about an hour observing Jupiter. The results were the best I have ever personally experienced and a real pleasure.

Arthur L. Montgomery (Atlanta 8, Georgia)

....I finally got a good chance to use my Treckerscope a few nights ago, and both my photographer and myself were certainly awed at the clarity and resolving power of the optics used in this truly magnificent instrument. Just for example, we used it visually on the Orion nebula with amazement. In the one-inch eyepiece with the Barlow lens, the nebula filled the field showing the tenuous gas material along with the dark absorption material and the group of central stars called the Trapezium. To put it mildly -- it was breathtaking....
I think that the Treckerscope is the greatest telescope value on the market today....I'll be glad to answer any letter and requests for information regarding construction and performance of Treckerscopes at any time....

Winston Churchill, Jr., President
Grafton Astronomical Soc., W. Lebanon, New Jersey

....After thoroughly testing of the mount carrying a 4" reflector, I have found that the operation of the mount and its clock drive is completely satisfactory. There surely is a big difference between my Pathfinder mount and the one which came with my 4" reflector. I would be happy to recommend your mount or demonstrate it to anyone in this area who might be interested....

Royston Lawson (Murfreesboro, Tennessee)

....My daughter is very pleased with her telescope (4-1/4" reflector) and these evenings in Nevada are perfect for viewing. The other members of the society are enjoying it also....

Maxine H. Riepen (Las Vegas, Nevada)

....I was over to Longview, Texas last weekend and made it a point to see Mr. Neil Meik, and to see how his ten inch Treckerscope is holding up and performing. We looked at Betelgeus and the nebula in Orion. The scope did a beautiful job on these stars, they were all very sharp and clear and not a trace of fuzz. They were clear perfect circles not a bit of astigmatism and perfect over the whole surface of the mirror....

Robert Goetz (Fort Myers, Florida)

....I have enjoyed using my Treckerscope very much. There is no comparison between my 3" refractor and my Treckerscope.
I have observed the Ring Nebula in Lyra and the form is seen very nicely. I resolved M13 in Hercules perfectly during a full moon! The Double Cluster in Perseus was really beautiful. The moon was the best of all. I saw the craterlets in Plato, and many other things of minute detail....

Robin Commagere (Laguna Beach, California)

....I have tried out the driven 6" Treckerscope which you sold to SouthEast High School of Wichita and I find it to be an amazing scope. The following is a brief list of things seen in the Solar system with it: Mercury: The scope easily revealed, with 122x, the markings S. Atlantis, S. Criophori, S. Aphrodites and the white spot Argyritis in good seeing with the sun 5° off the horizon. Venus: 2 or 3 times, the Ashen Light (dark side) of Venus was seen in January with 61, 122 and 174x. Mars: Once revealed Syrtis Major with 174x with planetary diameter was 4"7' of arc. Jupiter: Have seen up to 12 belts and have seen details within red spot. Ganymede seen as disc with as low as 174x, though better with 305x....

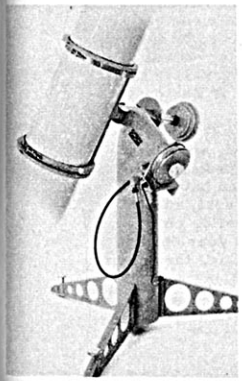
Craig L. Johnson (Wichita, Kansas)

NEVER BEFORE IN THE AMATEUR TELESCOPE FIELD has such a revolutionary, completely new, REFLECTOR TELESCOPE been introduced to you with such professional, precision quality at such an amazingly low price. This, at last, provides for amateurs, and advanced astronomers alike, an instrument equal to that of the professional astronomer. This is the first time clean, modern lines have been incorporated with magnificent, functional construction giving you an instrument of unsurpassed quality and appearance. The modern design, precision and advanced features found in the amazing TRECKERSCOPE justify your closest consideration. All we ask of you is to compare these exclusive features with your own personal needs and desires -- we believe you'll say the TRECKERSCOPE is the finest possible -- at any price!

OPTICS -- Rightly our first topic for your prime consideration in a telescope should be the viewing, or "seeing", ability that the telescope offers you -- each superb Pyrex parabolic mirror is exquisitely ground and figured by one of the country's outstanding optical craftsmen from the finest, selected Pyrex blanks, guaranteed to 1/10th wave of sodium light, and to resolve to the Dawe's Limit on nights of good viewing. Only the finest of all mirrors and diagonals produced are used in TRECKERSCOPES, from Coast Instrument's own optical shop. Only the best optical craftsmen available are employed to work on these superb optics. Our rigid requirements are met by top-flight artisans in this highly specialized field. The ability to hold amazingly close tolerances in each mirror and diagonal fabricated is the guarantee to the TRECKERSCOPE purchaser that he is acquiring the finest viewing possible -- this fact is immediately and breathtakingly apparent to a user of a TRECKERSCOPE, even on the first occasion of viewing with it. Likewise, the elliptical flats in the TRECKERSCOPE are similarly carefully selected, finished and guaranteed to 1/10th wave. Couple this with the finest oculars obtainable, which are furnished with the TRECKERSCOPE, and you will never know more sheer enjoyment than when you take your first look through one of these marvelous instruments (and, of course then, a lifetime of continued precision viewing!)

OCULARS (EYEPIECES) -- This, we feel, is one of our most valued features for the simple reason that, prior to the TRECKERSCOPE, you the user had no choice in the eyepiece setup, but were forced to take whatever was standard equipment on the instrument -- SO -- eliminating the "must-accept-plan" we came up with what we believe is much more satisfying to you, the user, and that is a choice system! We state what is offered and YOU select what YOU want, NOT what we think you need. Our selection is varied to cover any situation, and will give you, in any case, the most wonderful viewing imaginable. Your choice will come from this group of exquisitely ground and mounted ORTHO-STAR eyepieces -- all standard 1-1/4" -- 26.6mm, 20mm, 16mm, 10mm, 6.6mm Orthoscopic. As you can readily see, these are tremendous

oculars, but they alone are not the end of your "for-the-first-time" choice -- you may have ANY combination of three of these oculars -- OR -- any two oculars AND the sensational GOODWIN RESOLVING POWER BARLOW LENS. (This latter unit doubles the use of ANY eyepiece.) If you are not too familiar with the use of a GOODWIN BARLOW, we will try to explain as clearly as possible the principle behind these terrific lenses. The GOODWIN BARLOW lens is mounted in its own chrome tube, 4" long -- the lower part, in which is located the actual lens, is 1-1/4" outside diameter, enabling you to slip it directly into any standard focusing system. The top part is flared to an inside diameter of 1-1/4" to allow the use of ANY standard ocular, This sensational lens gives you sharper images, wider field and more light at higher powers while using lower power, more comfortable oculars. This lens, placed in front of the eyepiece, gives, on the average, three times the normal magnification of your eyepiece by lengthening your primary focal length of your mirror (or objective) up to three times, yet extends your ocular out no more than two inches from normal position -- this alone sharpens definition. Now you can readily see the tremendous use possibilities with the GOODWIN BARLOW -- in other words, instead of having three eyepieces, you would have, if you took the second choice, four different powered ocular set-ups!



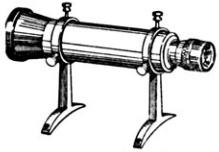
With the oculars alone, power ranges from 43.5x to 304.8x may be obtained with the 6" models, and from 58.0x to 406.4x on the 8" models. Proportionately higher powers will be obtained with the larger models. When the GOODWIN BARLOW lens is used, astounding variations may be obtained.

SUPER-RIGID, EQUATORIAL MOUNTING -- This is next in line for consideration for we all know that a perfect set of optics can (using an absurd example) be nailed, or affixed, to a board, long enough to accommodate the focal distances involved, and you would have a telescope (of sorts) -- BUT -- mounts of this type went out with the Galileo Era, and time has produced changes until our present day advanced thinking has made the telescope mount into quite a rigid piece of equipment, crude though it generally was in comparison, for not until the new TRECKERSCOPE came into being had anything been done to depart from the "plumber's delight" to a clean, modern design. The mount on the TRECKERSCOPE offers you, beyond the shadow of doubt, one of the most beautiful and startling, yet completely functional in all astronomical principles, that has ever been offered to you. It provides you with the most solid, vibrationless mount that has ever been designed. It features MASSIVE aluminum castings, beautifully contoured, providing not only a tremendously stable mount, but also, at long last, that "PROUD-TO-OWN" appearance.

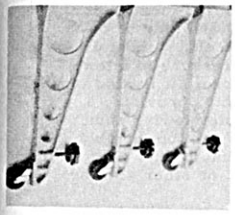
1½" The second important feature in the TRECKERSCOPE mount is that heavy, solid steel shafting -- [redacted]' on 6" and 8" models, and 1-3/4" on 10" and 12-1/2" models -- provides our velvet-smooth tracking action, and years upon years of trouble-free service. Put all of these outstanding "first" features together and you have the finest, steadiest mount that is possible to obtain -- the TRECKERSCOPE mount.

FIBERGLASS TUBE -- This alone is significant of quality, but quality is not the only reason behind the selection of fiberglass tubes for the TRECKERSCOPE. Besides being so durable that it is practically indestructible, fiberglass provides such low thermo-conductivity that the image deterioration, due to turbulence within the tube is virtually eliminated. Countless hours of experimentation went into this tube to give you again the UNQUALIFIED BEST for trouble-free service.

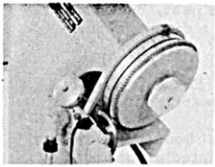
HYDRO-GLIDE EYEPIECE FOCUSING MOUNT -- A focusing system is, after all, only to provide you, the user, with more convenient and precise method of focusing your telescope than to merely slide your eyepiece in and out without benefit of mechanical aid. The TRECKERSCOPE, as with every detail of it, provides only the finest focusing system, no loose, or tight, threads, or various and sundry "binds" that are so exasperating when close focus is desired. Each focusing mount is meticulously machined and tested over and over again to work out any "binds" that could, at some time, cause you inconvenience. The HYDRO-GLIDE works on an entirely new principle. The TRECKERSCOPE HYDRO-GLIDE eyepiece focusing mount is, by far, the smoothest operating unit you'll agree you've ever used. Three full inches of movement are provided in the primary tube, with an additional 2-3/4" in the draw tube, giving 5-3/4" total focusing adjustment possible, easily accommodating any given size of ocular, or Barlow lens set-up.



FINDERSCOPE -- On the TRECKERSCOPE, you will use a beautifully designed, wide-angle finderscope, eye-catching with its terrific "new look", modern contour, fully in keeping with the overall quality of the complete unit. This finderscope, contrary to what you have been used to seeing, actually enhances the beautiful appearance of the telescope -- neat, clean, streamlined and completely functional, with all these features: 50mm achromatic, color corrected objective lens -- helical focusing eyepiece -- crosshairs to pinpoint your object easily -- modern contour dewcap as well as the main body of the finder -- double, three point adjustment mounting on beautifully finished brackets.



WHEELS FOR EASE -- Ball bearing casters are furnished, on deluxe models as standard equipment and are available on standard models at slight additional cost, which, after your telescope is rolled into position, can be quickly and easily snapped out to provide firm, vibrationless contact with whatever the TRECKERSCOPE is standing on. Additionally, screw leveling platform adjusters on the legs provide fine adjustment in positioning your polar axis. To the amateur, or advanced astronomer alike, this feature is one of prime interest. For example, when moving your TRECKERSCOPE out for an evening of viewing, having wheels on which to move your telescope into position, is a tremendous asset, and the unique screw platform adjusters now allow compensation for almost any type of terrain setting; without the usual laborious task of either blocking or using expansion systems.

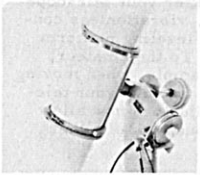


CLOCK DRIVES -- The TRECKERSCOPE clock drive mechanism, as usual, are an optional item. The standard 110/120 volt clock drive with the sensational, manual FLEX-LINE control is a magnificent unit itself. Again, clean, modern lines are incorporated with a high-precision gear train to give the smoothest, most trouble-free action possible. The clock is attached to the polar axis with sturdy, aluminum castings, blending perfectly with them, and uses the quietest, most efficient, miniature power plant that has, or ever will be, your privilege to use.

The manual FLEX-LINE control is almost self-explanatory, but again is another "first" on the TRECKERSCOPE and thereby warrants mention. The FLEX-LINE is used to operate the gear train manually for tracking when the electric clock drive is not in action, and will be found most satisfactorily practical on many occasions. It consists of an extremely flexible, stainless steel shaft, which leads directly from the control knob, which you hold in your hand, to the drive gear on the polar axis, giving you immediate forward, or back, control of the telescope in tracking, at the flick of the wrist, without the necessity of electric power. The FLEX-LINE operates with the telescope in any position.



SETTING CIRCLES -- Again, an optional item, standard equipment on deluxe models, slight extra cost on standard models. The declination and right ascension (sidereal time) measuring devices, commonly known as "setting circles", are conveniently located to provide the user ease in aligning his TRECKERSCOPE on all the amazing hidden wonders of the heavens.



FULLY ROTATABLE TUBE -- The fully rotatable tube is the final, but one of the most important, optional items. It is, of course, standard equipment on deluxe models, and may be obtained on standard models at extra cost. Fully rotatable means that the tube itself, without dismantling, or otherwise loosening, can be revolved to any position by slight pressure to allow the person using the TRECKERSCOPE maximum convenience in viewing posture. It is also extremely useful when the height of several viewing parties varies considerably, providing a tube that is rotated easily to place the eyepiece at a convenient and comfortable viewing point for each person. This feature can mean the difference between seeing the object comfortably, or having to strain to reach the eyepiece, thereby missing some of the beautiful details that sometimes take quite a time to resolve, due to turbulence in the atmosphere, or other similar cause.



SEMI-ROTATABLE TUBE -- This tube movement is equipment on all standard models -- it locks in position, and has been customary on practically all telescopes in the past, but with this advantage -- by loosening the holding straps, the tube may be rotated to a different position, then tightened again to a locked position.

DELUXE MODELS -- All deluxe models include extra equipment as follows: Electric Clock Drive, Fully Rotatable Tube, Setting Circles and Snap-out Removable Ball Bearing Casters.

STANDARD MODELS -- Fully equipped, ready to provide countless wonderful hours of viewing for you with all features mentioned in this catalog, except of course, those listed as optional equipment, which may be purchased individually, as you desire, to enhance the operation of your TRECKERSCOPE.

FINISH -- All TRECKERSCOPES are finished in Zolatone, the new extra-durable finish that defies weather, cracking, stains or peeling, and is resistant to chipping. Zolatone imparts a beautiful, soft, finish -- a result that has been classified by all that have seen it as, "The BEST LOOKING telescope I've ever seen!" Other paint, or color combinations, available on special order at slight additional cost.

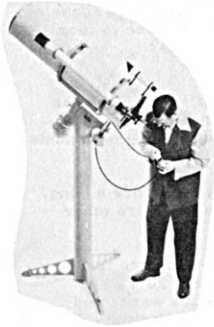
EASE OF TRANSPORTING, SETTING UP AND DISMANTLING -- Again the TRECKERSCOPE leads all others in giving you an instrument of extreme portability, contrary to what you might expect, or have been used to, in a reflector telescope. The TRECKERSCOPE "knocks down" so easily, quickly and compactly that it can be stored in a very small space, relatively speaking, and can be transported easily in virtually any car. Set-up time, approximately three to four minutes, after you have done it a couple of times. SPACE-SAVER legs detach easily, and fit snugly in the base tube when storing or carrying.

WEIGHT -- In spite of the massive construction features of the TRECKERSCOPE, weight has been held to a minimum, without sacrificing rigidity, to insure portability unsurpassed -- approximately 100 lbs. for 6" and 8" models, and varying in the larger sizes depending on mounts, equipment, etc.

NOW -- With all of the TRECKERSCOPE'S potential before you, such as a feast before a King, there is very little left in this Universe for an astronomically minded person to desire other than to own the beautiful, functional, professional quality TRECKERSCOPE!

GUARANTEE -- Another TRECKERSCOPE "first" -- with the quality that is built into these instruments, we are able to place this formerly unheard-of guarantee in effect: 20 YEAR WARRANTY! All TRECKERSCOPES are fully tested prior to shipment, and are warranted against defective materials and/or workmanship for the period specified. This warranty covers the original registered purchaser, and is not transferable. Such original registered owner is entitled to repairs, replacement or service on any part which falls in normal usage, but not as a result of abuse of any kind, provided such defective part is returned to us, freight prepaid, for inspection. Any defective parts so received will be either replaced or repaid, at our option. (Aluminization of mirror and flat, electric clock drive motors and batteries, and casters are not covered by this time warranty, but are covered by standard manufacturer's warranties).

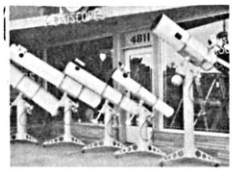
REFLECTOR TELESCOPES



1. 10" TRECKER CASSEGRAIN "SKY GIANT"

This is Coast Instrument's pinnacle of perfection, and truly one of America's finest celestial telescopes. The exquisite hand-ground and figured optical parts of this unit are unexcelled research quality. No other telescope in the entire world can offer as many tremendous features as a 10th wave primary and secondary mirror system created by one of America's foremost opticians -- superior rigidity, still having the combined focal length of f/15 (150") yet with the overall tube length of only 45" -- the finest clock drive system in the U.S.A. Mount, second to none. Your choice of the finest oculars (eyepieces) -- all this at a remarkably low price. This is truly the Cadillac of all telescopes. With the SKY GIANT, a person is guaranteed a lifetime of adventure, seeking out all the hidden wonders of the universe.

Standard equipment with this unit as follows: Fiberglass tube, choice of any five oculars, including the Goodwin Resolving Power (Barlow type) lens, 7x 50mm cross-haired finding scope with helical focusing, 45x -- 83x -- 101x photographic guidescope, 2.4" objective, with rack and pinion focusing. Snap-out casters (wheels) with vernier adjustment of each leg. Slow-motion control on both axis, and setting circles. Approximate shipping weight crated 400 lbs.



2. TRECKERSCOPES

These are indeed America's finest amateur-professional Newtonian telescopes. No other instrument, foreign or U.S.A. made, has as many desirable features as does the TRECKERSCOPE. TRECKERSCOPES feature a tremendously rigid mount, incorporated with beautifully modern design. The TRECKER mounts are patterned after the age-old German Equatorial, plus what we term, torque castings that give this unit its tremendous rigidity. Optically speaking, TRECKERSCOPES stand all by themselves, for our optician is one of the finest in the world. All mirrors meticulously corrected by our technicians to a parabolic curve, deviating not more than 1/10th wave sodium light. Our well-equipped optical laboratory and modern working methods coupled with the world's finest technicians enable our firm to furnish optical surfaces far superior than those normally obtainable on the market at our low, reasonable prices. They are aluminized and quartz (siliconmonoxide) overcoated for maximum durability and performance. TRECKERSCOPES also feature fiberglass tubes -- the most

durable and beautiful on the market. The TRECKERSCOPE comes complete with such outstanding features as the smoother-than-satin HYDRO-GLIDE focusing device -- 7x 50mm objective finding scope with crosshairs and helical focusing eyepiece, removable casters for ease in portability, your choice of the world's finest oculars (three of any focal length, or two oculars and a Goodwin Resolving Power (Barlow type) lens. The TRECKERSCOPE is used and highly recommended throughout the world.

The DeLuxe TRECKERSCOPES feature one of the most accurate clock drive systems produced today. Also, the DeLuxe unit comes complete with setting circles and fully-rotatable tube saddle and wrap around extra-heavy legs with snap-out casters (not to be used when viewing, but for convenience when moving telescope from storage to viewing point), and vernier adjustment leveling screws.

All of the accessories mentioned above can be purchased separately for Standard model TRECKERSCOPES. Each TRECKERSCOPE is engineered to fulfill the most exacting requirements of the experienced observer, and to maintain these standards we are unable to compete with the lesser-quality competitive telescopes. Due to our interest in the field of astronomy, and our flexible policy, we are enabled to offer the newest, most modern improvements in design and functional construction of the TRECKERSCOPE, The Standard of Comparison.



Sizes available - 6" - 8" - 10" - 12-1/2" - (16" custom order)

Approximate shipping weights:

Crated	Deluxe	Standard
Approximate Shipping Weight	6" - 210 lbs.	6" - 190 lbs.
	8" - 230 lbs.	8" - 200 lbs.
	10" - 390 lbs.	10" - 370 lbs.
	12-1/2" - 561 lbs.	12-1/2" - 530 lbs.

6" PATHFINDER TELESCOPE

This is Coast Instrument's answer to a high-precision telescope, yet retaining an unusually low price! This fine instrument carries our 20-year unconditional guarantee plus all of these outstanding features: The ever-popular PATHFINDER mount, comprised of 1-1/4"

solid steel shafting, accurate latitude adjustment, detachable legs, semi-rotatable tube saddle. This particular mount is one of the most rigid mounts in the portable mount field and now in use by hundreds of astronomers throughout the world. The durable, aluminum tube is finished in beautiful white enameloid. All of the same precision optical holding devices that are used in our most expensive models are used in the 6" PATHFINDER telescope, such as the regular TRECKER mirror cell and spider. This instrument features and f/10 spherical primary and each superb mirror is exquisitely ground by one of the country's outstanding optical craftsmen from the finest, selected Pyrex blanks, guaranteed to 1/8th wave sodium light. Only the finest of all mirrors and diagonals are used to produce TRECKERSCOPES from Coast Instrument's own optical shop. The 6" PATHFINDER utilizes our own innovation in focusing devices -- the HELAJUST. This unit has held tremendous acclaim from amateurs all over the country. It has quick snap focusing, as well as the extremely accurate helical close focusing feature. Also included is an all-metal 6x finderscope with crosshairs (three-way adjustment). Oculars included are 28mm Achromatic Kellner, allowing you approximately 60x and a 12.5mm ocular, allowing you 120x.

Crated shipping weight - approx. 200 lbs.



3. 4-1/4" REFLECTOR, AMERICAN MADE

This telescope offers more "seeing" per dollar than any other competitive telescope on the market. It features excellent ground and polished optics guaranteed to at least 1/4th wave sodium light, beautifully designed equatorial tripod mount with bronze bearings, rack and pinion focusing system for standard 1-1/4" oculars, excellent 6x finderscope with crosshairs, and helical focusing, in aluminum tube beautifully finished in black lacquer and comes complete with full instructions and illustrated star chart. Oculars furnished provide 40x, 90x, 120x and 270x.

Approx. crated shipping weight: 26 pounds.



4. 3-1/2" REFLECTOR

This new, imported telescope features "seeing" ability equal to telescopes selling for much more. It has many desirable features found in very expensive telescopes, such as rack and pinion focusing system, beautifully ground optical parts, aluminized and quartz overcoated, to provide many years of unsurpassed seeing ability, a beautifully designed table-top Alt-Azimuth

mount (all-metal), with slow-motion control. This very beautiful reflector is furnished in black crackle finish with gleaming white tube assembly. This instrument is indeed a pleasure to own.

Approx. crated shipping weight: 13 lbs.



5. 3" REFLECTOR (With Modified Alt-Azimuth Mount)

This reflector is a wonderful amateur telescope for beginners. American made, it features a ground and polished optical system, guaranteed to 1/4th wave sodium light, aluminized and overcoated; one nicely mounted eyepiece and Barlow lens assembly. This telescope supplied with a finderscope, push-pull type focusing system, and eyepieces furnishing 62x and 124x. The entire telescope is sturdily designed and mounted on a modified alt-azimuth mount (able to track stars). Also included are full instructions, illustrated star chart and book, "Handbook of the Heavens".

Approx. crated shipping weight: 11 lbs.



6. MOONSCOPE - (3 inch Reflector)

This is an introductory instrument to astronomy. Extremely portable and light-weight, yet possessing a tremendous amount of rigidity. It is beautifully designed and features excellent construction. Its optical system enables you to see such celestial wonders as Saturn's rings, the moons around Jupiter, and craters on the Moon. This reflector comes complete with a tripod, a book on the Moon, and carrying case. Primarily for youngsters.

Approx. crated shipping weight: 7 lbs.

REFRACTOR TELESCOPES



1. 4" REFRACTOR

Everything about the 4" refractor is massive -- the mount is built from heavy iron castings with machined bearings for smooth operation. The tripod has extra heavy 60" hardwood legs. This telescope's sheer weight (42 lbs.) allows steady viewing such as you wouldn't believe possible with a tripod. The big 4" objective is an air-spaced achromat, with elements coated on all sides for low reflection. Focal length of the objective is 60", speed f/15. The

three eyepieces supplied with the telescope give you 48x, 120x and 240x. A special Barlow lens, also supplied, gives 500x. A star diagonal is included for comfortable viewing at high angles. The tube is white enamel coated on the outside for attractive appearance, and specially coated on the inside to cut down stray light reflection. Stops are provided inside the tube for better image quality. Rack and pinion focusing gives you smooth operation with a full 4-5/8" travel. All metal parts are plated to prevent rusting. The mount is black wrinkle finish. Adjusting knobs 1-3/4" diameter for more positive locking. Equatorial mount is adjustable for all latitudes. Finder is 6x, easy adjustments for accurate finding. Includes: Eyepiece extension (use with extension for astronomical viewing). Three eyepieces; f.l. 1-1/8", 1/2", 1/4"; Barlow lens with mount for powers up to 500x, 6x optical finder, star diagonal for high angle viewing, free star chart and star book.

Approx. crated shipping weight: 60 lbs.

2. 3" REFRACTOR



The 3" refractor is by far one of the most popular astronomical instruments being used by amateurs today. The 3" airspaced achromatic objective has been tested by famous astronomers and pronounced equal to any you can buy. An excellent telescope at an amazing low price. Two quality eyepieces and a mounted Barlow lens to give you powers of 40x, 90x, 120x and 270x. Standard 1-1/4" telescope size. Equatorial mount with counter-balance gives you finger-tip control of the telescope. Large 1-1/4" dia. knobs operate the rigid axis locking mechanism. May be easily adjusted to an alt-azimuth type mount for terrestrial viewing. Tripod legs are 60" long of natural finished hardwood. 3" diameter airspaced objective, low reflection coated on four surfaces. 45" f.l. f/15. A fully tested precision objective. Rack and pinion eyepiece holder of aluminum, brass and chrome gives real smooth focusing. Takes standard 1-1/4" eyepieces. Main tube is white enameled aluminum with black crinkle finish and chrome finish on other parts. Overall telescope length is about 40". 6x optical finder telescope with crosshairs. A prism star diagonal is included for comfortable viewing at high angles. Precision American-made although a few parts are imported to keep cost down. One of the reasons we offer better quality and lower prices than our competitors. Free star chart and star book included. Fully guaranteed.

Approx. crated shipping weight: 30 lbs.



3. 2.4" REFRACTOR (Equatorial mounting)

This imported instrument is one of the most popular telescopes -- the reason being that a 2.4" refractor (60mm) is an excellent celestial instrument, as well as terrestrial instrument. This unit is a tremendous "first" telescope. It features all-metal construction, and beautifully designed equatorial mount, slow-motion on both axis, sun projection screen, excellent ocular range (45x to 200x), erecting system, rigidly-mounted finderscope, with cross-hairs, rack and pinion focusing system and star diagonal. All with a beautifully-finished carrying case.

Approx. crated shipping weight: 50 lbs.



4. 2.4" REFRACTOR (Alt-Azimuth mounting with slow-motion)

This truly fine instrument is produced by one of the world's finest optical companys, and is used and approved by professional astronomers. This instrument features an optical system unsurpassed in its class. All of the lens elements are hard-coated, air-spaced, fully color-corrected. The objective lens gives a full 60mm (2.4") clear aperture. This beautiful telescope also includes: 6x, 30mm auxiliary finder scope -- precise alt-azimuth mount with slow-motion controls --- rack and pinion focusing with either hand control -- an adjustable, fully braced hardwood tripod -- plus an exquisitely hand-finished hardwood carrying case. This beautiful instrument is constructed from heavy-duty aluminum finished in gray and blue baked enameloid accented with chrome and black trim. 25x to 160x magnification.

Approx. crated shipping weight: 33 lbs.



5. 2.4" REFRACTOR (Alt-Azimuth without slow-motion)

This imported instrument is one of the most popular telescopes -- the reason being that a 2.4" refractor (60mm) is an excellent celestial instrument, as well as terrestrial instrument. This unit is a tremendous "first" telescope. It features all-metal construction, super rigid all metal alt-azimuth mount, with fully braced hardwood tripod, excellent ocular range (35x, 78x, 140x), erecting system, rigidly-mounted finderscope, with crosshairs, rack and pinion focusing system, and a beautifully-finished carrying case.

Approx. crated shipping weight: 23 lbs.



6. 50mm REFRACTOR

This is a good all-around imported telescope. It is excellent in all three categories -- celestial, terrestrial and spotting. This is a beautifully-constructed table-top alt-azimuth mounted instrument, featuring many desirable features such as finding device, excellent power range (25x to 60x) air-spaced, hand-figured objectives, and rack and pinion focusing system. This instrument is attractively finished in blue and gray, and truly a desirable telescope for a multitude of purposes.

Approx. crated shipping weight: 13 lbs.



7. 40x 60mm REFRACTOR

This is an excellent beginning telescope, and can be used for all three categories -- celestial, terrestrial, or spotting. This imported telescope has all metal construction, with attractive black and white finish, and comes complete with an expandable tripod, adjustable from 30" to 60" in height. Extremely portable. Exquisite optics, magnesium fluoride coated. Erect image.

Approx. crated shipping weight: 12 lbs.



8. 30x 40mm REFRACTOR

Here's a fine, imported, small telescope, on a sturdy table-top tripod. It may be removed from its tripod and mounted on a tall camera tripod without any other accessories. Splendid for junior astronomers, or for terrestrial and spotting use. Coated optics. Erect image.

Approx. boxed shipping weight: 7 lbs.



9 VARI-POWER TELESCOPE, 10x to 30x

This telescope is one of the really fine optical instruments originated by German technicians. It incorporates such features as exquisitely polished, magnesium fluoride overcoated, lenses, built-in erecting system, all metal construction, chrome and black with fitted

Naugahide main body cover. This instrument is completely collapsible -- when in collapsed form, it is only 10" long. This telescope has a wide range of uses -- hand-operated vacation scope -- really nice spotting instrument for riflemen, and can be used as a beginning amateur astronomical instrument. Comes in fine, leather case. Camera tripod mount available at extra cost.



Approx. boxed shipping weight: 2 lbs.

10. 10x TELESCOPE

This exquisite hand telescope is truly a joy to own. This is a German developed instrument. It features coated lenses, enclosed erecting system, all metal construction (black and chrome) and Naugahide main tube cover. This telescope collapses to approximately 8" long and has a beautiful leather carrying case. Camera tripod mount available at extra cost.

Approx. boxed shipping weight: 1 lb.

11. PENSCOPE - 6x



The Penscope Six fills the need for a compact top-performance pocket telescope..... at low cost. A fine, precision instrument, no larger than a fountain pen, weighing only two ounces, but with all the amazing power of much larger and much more expensive telescopes. The Penscopes meet the insistent demand of hunters, sportsmen, travelers and hobbyists. Used extensively by telephone and electrical power linemen. Made in the United States of American materials. All metal chrome finish. Weight of telescope only 2 ounces.

Shipping weight: 4 ozs.

SPOTTING SCOPES

1. 60mm BALSCOPE SPOTTER



This renowned spotting scope made by Bausch & Lomb is indeed the finest in the world, and number one with riflemen all over the United States, with its exquisite, finished magnesium fluoride overcoated lenses. Precision machining and ultra-smooth, precise internal focusing are predominant, and the entire instrument is all-metal and beautifully finished in chip-resistant

grey crackle. This fine telescope comes complete with a durable, metal eyepiece cover, metal objective cover, and a removable "hidden" sun shade. Your choice of any one eyepiece, 15x, 30x, 40x and 60x. The other eyepieces are available as extra equipment at extra cost. Three-turret eyepiece head also available at extra cost. This instrument also features a lifetime guarantee.

Approx. boxed shipping weight: 5 lbs.

2. 60mm BUSHNELL SPACEMASTER SPOTTER



This is truly one of the finest spotting scopes in the world, and is a favorite with riflemen throughout the United States. The name of Busnell, as you know, is nationally recognized for its high quality optics. The SPACEMASTER features exquisite, magnesium fluoride, overcoated lenses throughout, internal focusing, all-metal construction, with beautiful chip-resistant grey crackle finish, black trim. Guaranteed to resolve 22 caliber bullet holes at 300 yards. The SPACEMASTER is equipped with eyepiece and objective covers, "hidden" sun shade, and your choice of one eyepiece of the following powers: 15x, 20x, 25x, 40x and 60x. All other eyepieces available for purchase. Four-turret eyepiece head also available at extra cost. This instrument also features a 20 year guarantee. (45° head available at extra charge.)

Approx. boxed shipping weight: 5 lbs.



3. 30x 40mm SPOTTING SCOPE

This practical instrument is indeed a fine spotting instrument. It has many of the tremendous features found in more expensive telescopes. It has a 40mm coated objective with an erecting system, a 30x ocular, magnesium fluoride overcoated, a shooting tripod, and features sturdy, all-metal construction with beautiful chip-resistant finish.

Approx. boxed shipping weight: 7 lbs.

RIFLESCOPES

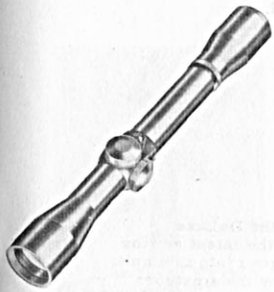
1. BAUSCH & LOMB



The Bausch & Lomb line throughout the years has been the finest available at any price. All of the instruments that are put out by this company feature exquisitely finished optics, all hard coated for maximum brightness. The two most important factors in a riflescope are (1) relative brightness and (2) light transmission. Both of these factors are unconditionally guaranteed to you in their instruments. The most important optical difference between a good scope and a poor one depends on excellence of optical design and precision manufacturing meeting critical specifications. Again, all of these things are fulfilled in a B & L scope. Security of mounting of the optical elements within the scope tube determines whether a rifle sight will jar out of adjustment from recoil, long use, or accident. All of these have been eliminated by precision designing and exquisite workmanship. The following are the benefits that can be derived from B & L riflesights: The right power instantly with B & L variable power scopes -- superb performance, even in poor light -- most rugged scope ever built -- interchangeable, rifle to rifle -- guaranteed fog-proof -- lifetime guarantee!

Powers available: 4x, 6x, 8x. Variable riflescopes: 2-1/2x to 4x, 2-1/2x to 8x and 6x to 24x.

Approx. boxed shipping weight: 1 lb.



2. BUSHNELL "SCOPE CHIEF" RIFLESCOPES

Bushnell riflescopes have been made superior to any other competitive riflescope in their price field because they feature the seven advantages wanted most by America's riflemen, namely: (1) Brighter, clearer image, (2) maximum field of view, (3) more precise reticle adjustments, (4) Sleek, streamlined appearance, (5) Ability to withstand the roughest use, (6) nitrogen filled, water and fog-proof, (7) Low, attractive price.

The best thing that can be said about this instrument is, "look through a Bushnell, and you can see the difference".

Bushnell riflescopes are also guaranteed for 20 full years against all optical and mechanical defects. It takes a superior product to offer you this complete assurance.

Powers available: 2-1/2x, 3x, 4x, 6x, 8x, and 10x.

Also now available -- the exclusive "Command Post" reticle riflescope -- crosshairs or post both at fingertip command in one scope.

All Bushnell riflescopes are triple tested for optical and mechanical perfection by the U. S. Optical Laboratory -- another good reason why you can't beat a Bushnell.



Approx. boxed shipping weight: 1 lb.

3. HUNTMASTER

The optical system of the HUNTMASTER riflescope, American made, despite of its low price, gives unparalleled light gathering, lets you pin-point your target, even under poor light conditions. The HUNTMASTER riflescope is a rugged, fully guaranteed precision scope. The features of this riflescope are those found in much more expensive instruments, such as highest luminosity, cushioned lenses, positive adjustments, long eye relief, easy installation, with the weight no more than 5-1/2 ounces. Crosshairs stay in center of field when adjusting for windage and elevation. This is the ultra-popular scope that has made over 120,000 users happy in the past two years. This instrument is priced with mount included.

Powers available: 2-1/2x, 4x and 6x.

Approx. boxed shipping weight: 1 lb.

TELESCOPE ACCESSORIES

TELESCOPE MOUNTS



DELUXE TRECKERMOUNT

If you have a desire to own the finest mount available at any price, the DeLuxe TRECKERMOUNT is the answer. This super-rigid equatorial mounting is the latest edition to the TRECKERSCOPE family. Years of research and development have gone into this unit. This desirous mount incorporates all of the features that are most wanted by the amateurs today. It is neat and clean in appearance with exceptional rigidity. Beautifully contoured with chip-resistant Zolatone finish. The DeLuxe TRECKERMOUNT has as standard equipment the fully-rotatable tube system, the new, wrap-around DeLuxe removable legs with screw-down

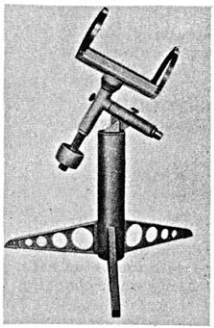
vernier leveling adjustments and snap-out casters. The 110v. TRECKER clock drive, and setting circles (both right ascension and declination axles) if you want the finest mount available, we can guarantee you absolute satisfaction.



Approx. crated shipping weight: 6" - 130 lbs. 10" - 220 lbs.
8" - 130 lbs. 12-1/2" - 320 lbs.

STANDARD TRECKERMOUNT

The TRECKERMOUNT offers you, beyond the shadow of doubt, one of the most beautiful and startingly-appearing yet completely functional in all astronomical principles that has ever been offered. It provides you with the most solid, vibrationless mount that has ever been designed. It features massive aluminum castings, beautifully-contoured providing not only a tremendously stable mount, but also at long last, that "proud-to-own" appearance. The TRECKERMOUNT has been designed around the age-old equatorial head. The standard mount includes such features as removable supporting legs with screw-down vernier type leveling adjusters, semi-rotatable tube feature on saddle, solid steel shafting, our new 90° cast aluminum axle housing with Teflon inserts, beautiful chip-resistant Zolatone finish. The TRECKERMOUNT can be assembled or disassembled within a matter of minutes. DeLuxe accessories, i.e. clock drive, setting circles, casters, may be added to mount at any later time.



SIZES AVAILABLE: (DeLuxe or Standard) 6", 8", 10", 12-1/2"

Approx. crated shipping weight: 6" - 110 lbs. 10" - 200 lbs.
8" - 110 lbs. 12-1/2" - 300 lbs.

TRECKER-PATHFINDER EQUATORIAL MOUNT

This mount will accommodate 4" to 8" telescopes. Specify your tube size when ordering. Standard 36" height -- massive 1-1/2" steel shafting. This amazing EQUATORIAL MOUNT is just what the doctor ordered for mounting that homemade telescope you labored so hard to finish. Now you can purchase a beautifully constructed, highly rigid equatorial mount, COMPLETE, for your own telescope as economically as if you had built it yourself. This terrific mount is made entirely of metal; all of the moving equatorial parts are polished to work with maximum ease. Legs, head, and counterweight are all removable for easy storing.



The saddle allows complete rotation of your tube. One of the more important features in this mount is that the polar axle is extended for ease in attaching a clock drive and/or setting circles, which may be added at any time. The TRECKER-PATHFINDER mount also has a beautiful, chip-resistant finish. Taking all of these unusual features into consideration, this is truly one of the best DOLLAR-FOR-DOLLAR VALUES.

Approx. crated shipping weight: 105 lbs.

OCULARS (EYEPIECES) -- Reflector size: Standard 1-1/4" O.D.

ORTHO-STAR

These are truly the finest oculars in the world (and are Coast Instrument's own). Many oculars have been "pitted" against the ORTHO-STARS during the past years, only to be surpassed time and time again by these marvelous eyepieces. All of the ORTHO-STARS are guaranteed to be the finest you ever used -- or return for full refund! Dust Sealed - All Coated - Striking chrome and velvet-black finish, beautifully machined, 1-1/4" O.D. Outstanding features: wide flat field, sharp to the very edge; extra-long eye relief; parfocalized for easy change of power; sealed-in optics, never need interior cleaning, hard coated, magnesium fluoride, boldly marked for easy identification.

ORTHO-STAR oculars are now available in the following focal lengths, giving, for example, the indicated powers when used in conjunction with an 8" f/8 mirror; 26.6mm-61x; 20mm--81x; 16mm--102x; 10mm--163x; 6.6mm--233x.

We are proud to offer you our newly-developed 20mm ERFLE ORTHO-STAR! Carrying the same guarantee as the time-proven, regular ORTHO-STARS. Beautiful, wide, 66.7° apparent field -- a revelation in viewing!



Approx. boxed shipping weight: 1 lb.

DAVIDSON

Another fine eyepiece made in the U.S.A. for the amateur astronomer, incorporating such advanced features as: Hard-coated optical surfaces, symmetrical shape with four elements, giving a sharp, corrected field of view. Parfocal principle eliminates re-focusing when changing



from one eyepiece to another. By using the Davidson interchangeable eyepieces of various focal lengths, according to your choice, a wider range of observation is offered to you. Furthermore, you do not have to change focus each time you change eyepieces, as the Davidson "Telestars" are all parfocal, i.e., if an object is in focus with one eyepiece, it will be in focus with any different power eyepiece. All Davidson "Telestar" eyepieces are made to true precision standards and are identical to ones we have furnished to some of the large observatories. All-metal parts are of black anodized aluminum. Dust cap included with each eyepiece. Available focal lengths are 22mm, 16mm, 11mm. The Davidson oculars feature a unique adaptor into which each eyepiece fits into position with 1/4-turn lock. Only one adaptor is necessary for using all three focal length eyepieces. The adaptor is the standard 1-1/4" O.D. and will fit any focusing device.

Approx. shipping weight: 1 lb.



KELLNER -- 28mm Achromatic

This particular eyepiece is truly one of the best new war surplus lenses ever offered to the amateur world. These fine eyepieces were used in quality military telescopes. They have been installed in a beautifully-machined cell of black anodized aluminum. Fits standard 1-1/4" astronomical telescope eyepiece holders. The 28mm focal length is considered one of the best for all-round telescope viewing. This Kellner eyepiece is comprised to two color-corrected achromats, allowing unsurpassed observing. Eye relief is 1 inch in dia. of field lens 29.5mm, eye lens, 22mm, field of view 50°, 1-1/4" O.D.

Approx. shipping weight: 1 lb.

KELLNER -- 2" f.l.

This again is one of the best new war surplus lenses offered to the amateurs. These fine eyepiece lenses were used in quality military telescopes and have been installed in a beautifully-machined cell of black anodized aluminum. This is the long focal length version of the excellent 28mm Kellner also offered by us. Fits all standard 1-1/4" astronomical telescope eyepiece holders. Approximate eye relief 2", clear diameter of the lenses 7/8", length of the holding cell, 2-1/8".

Approx. boxed shipping weight: 1 lb.



HUYGENS COMBINATION 10-20mm

This eyepiece offers you for the first time two eyepieces in one (two superb oculars for the price of one). Simple re-arrangement of the lenses gives you focal lengths of 10mm and 20mm, which enables you to use two completely different power variations from one eyepiece. This ocular is a beautifully styled and finished piece of equipment, all chrome plated brass with baked-on black enameloid eyepiece cover, standard 1-1/4" O.D. Available in this fine imported ocular set-up are easy instructions for the different power arrangement of the lenses.

Approx. boxed shipping weight: 1 lb.

HUYGENS 12.5mm (1/2")



This eyepiece is one of the most popular sizes used in the amateur world today. This fine imported ocular is standard 1-1/4" O.D. and will fit any standard rack and pinion focusing system. This ocular is one of the most widely used oculars for planetary observing used by amateurs. The 1/2" focal length of this eyepiece allows you double your focal length in actual power, constituting an excellent all-round observing combination. The 12.5mm or 1/2" eyepiece still retains moderate eye relief so that those who wear glasses can still use this rather short focal length ocular with ease. Mounted in a chrome plated brass cell with black trim. Directions for using short focal length eyepieces included.

Approx. boxed shipping weight: 1 lb.

HUYGENS 6mm (1/4")

This imported ocular is manufactured by one of the world's best producers of optical components. The 6mm Huygens is one of the shortest focal length eyepieces manufactured and will pull maximum power from your telescope. This ocular is also standard 1-1/4" O.D. and will fit all standard focusing devices. Some of the outstanding features found in this eyepiece are hard-coated optics, beautiful machining, black and chrome over brass finish. Short focal length eyepiece instructions included.

Approx. boxed shipping weight: 1 lb.



MOUNTED RAMSDEN

This utility eyepiece has two plano-convex lenses mounted in a black anodized aluminum cell. This very efficient eyepiece will produce a bright, clear image. Standard 1-1/4" O.D. Will fit all standard eyepiece holders. Choice of three focal lengths: 1", 1/2", and 1/4".

Approx. boxed shipping weight: 1 lb.



GOODWIN RESOLVING POWER LENS (Barlow type)

You will gain up to three times the magnification with sharper images, greater illumination and increased field of view. These amazing features result from the lengthening of the shorter focus which (f/1 or less) causes acute bending of convergent beam. The Goodwin Resolving Power lens fits standard 1-1/4" eyepiece holders and has fully achromatic and coated lenses for a flat field, sharp over entire surface. This is the first choice of professional and amateur astronomers the world over. 4" long adapter tube 1-1/4" diameter. Adaptors available to fit your refractor 61/64" oculars to this 1-1/4" unit.

Approx. boxed shipping weight: 1 lb.



MOUNTED BARLOW LENS

A low-priced Barlow lens enabling you to increase the power of your telescope two to three times. Its principle is based on the use of a negative lens which gives this power added without resorting to short focal length eyepieces or longer telescope tubes. By reversing position of the two pieces which slide over a special spacer, the power is varied. One of the two pieces is the regular focal length and the other is the short focal length piece. Fits into 1-1/4" I.D. tube with your 1-1/4" O.D. eyepiece into our chrome plated tube. Focal length is 1-5/16". Tubing is chrome plated brass.

Approx. boxed shipping weight: 1 lb.



REFRACTOR SIZE OCULARS (61/64")

Coast Instrument offers the widest selection of refractor-size oculars in the United States. All of the eyepieces are produced by one of the world's leading optical firms producing

telescope components. All of the refractor lenses elements are hard coated and fully color-corrected. They are mounted in a beautifully finished chrome plated brass cell with a beautiful black enameloid eyepiece cap with white engraving on the cell for easy identification. Focal lengths available: 4mm, 6mm, 9mm, 12.5mm, 18mm, 20mm, 25mm, 40mm and the variable 25mm and 32mm.

Approx. boxed shipping weight: 12 ozs.

ADAPTORS



Adapt your substandard refractor size (61/64") eyepiece to standard telescope size of 1-1/4". Housing is made of black anodized aluminum and measures 61/64" I.D. Set screw included to make positive holding of your ocular.

Approx. boxed shipping weight: 6 ozs.

COMPLETE TELESCOPE OPTICAL KIT (OPTICS ONLY)

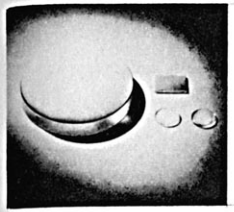
1. 3" KIT (FOR YOUNGER AMATEURS)



All the optics you need to make a 31x and 124x astronomical telescope. This superb kit contains (1) a finely-ground and polished 3" astronomical telescope mirror, aluminized and silicon-monoxide overcoated, ground and polished to 1/4 wave-length of sodium light with a focal length of 31", (2) aluminized diagonal mirror, (3) two finely-ground and polished eyepiece lenses to make a 1/4" f.l. eyepiece. Directions for spacing all optical parts and mounting hints are included in this kit.

A telescope made from this kit will provide excellent celestial results. You will see craters and Mare on the Moon, Saturn's rings and Jupiter's four moons, star clusters, the Orion Nebula and many other interesting objects. This kit also includes an informative booklet, "Astronomy Handbook" with complete information on how to build the entire telescope. This book also includes a great number of the many beautiful celestial sights available through astronomical telescopes.

Approximate boxed Shipping weight: 3-1/2 lbs.



2. 4-1/4" KIT (ADVANCED AMATEUR)

All the optics you need to make a 45x and 180x astronomical telescope. This superb kit contains (1) a finely-ground and polished 4-1/4" astronomical telescope mirror, aluminized and silicon monoxide overcoated, ground and polished to 1/4 wave-length of sodium light with a focal length of 45", (2) aluminized diagonal mirror, (3) two finely-ground and polished eyepiece lenses to make a 1" focal length Ramsden eyepiece, plus (4) two finely-ground and polished eyepiece lenses to make a 1/4" f.l. eyepiece. Directions for spacing all optical parts and mounting hints are included in this kit. Included also is an informative booklet, "Astronomy Handbook", with complete information on how to build the entire telescope. This book illustrates a great number of the many beautiful celestial sights available through astronomical telescopes.

With the fine telescope you can make from this kit, you will see craters in the craters on the Moon, Saturn's rings, and four moons around Jupiter, the Orion Nebula, star clusters, split some double stars and observe some of our closer nebulae and many other interesting objects.

Approximate boxed Shipping weight: 5 lbs.

3. 6" KIT (ADVANCED AMATEUR - RESEARCH)

All the optics you need to make an unexcelled, super-grade, 48x and 192x astronomical telescope. With this kit you make a research-type instrument, such as used by amateurs all over the world. Also, the diagonal is now an elliptical, Pyrex mirror, ground and polished to at least 1/8th wave sodium light, aluminized and quartz overcoated.

Kit contains a completed 6" parabolic mirror (Pyrex), guaranteed to at least 1/10th wave sodium light, aluminized and silicon monoxide (quartz) overcoated, elliptical diagonal, 1-1/4" minor axis aluminized and quartz overcoated guaranteed to at least 1/8th wave sodium light. The eyepieces are completely assembled in beautifully-machined mounts, standard 1-1/4" diameter. This kit includes one 28mm Kellner eyepiece and one 1/4" Ramsden eyepiece. This also contains mounting instructions and the informative booklet, "Astronomy Handbook", with complete information on how to build the entire telescope, and includes a great number of the many beautiful celestial sights available through astronomical telescopes.

With the telescope you make with this optical kit, you can enjoy the amazing results that are only possible with an instrument of this type. You will see deep sky wonders, such as nebulae, minute details on planets, craterlets on the valley floor of the Moon, and be able to split many of the double stars. A telescope completed from this optical kit should give a person five to ten years of "seeing" ability without repeating the objects he sees. (Celestial photography can be accomplished with this optical system). Guaranteed to Dawe's Limit.

Approximate boxed Shipping weight: 8 lbs.

4. 8" KIT (ADVANCED AMATEUR - RESEARCH)

The complete optical train you need to make a beautiful 64x and 256x astronomical telescope. This gives you nearly double the light gathering ability of the 6" unit and the telescope you build from this kit will be the equivalent of the ones used by schools, colleges and universities all over the world. Again, the diagonal mirror is in the elliptical form, and has been ground and polished to at least 1/8th wave sodium light, aluminized and silicon monoxide overcoated, and the eyepieces are complete in beautifully-machined mounts, standard 1-1/4" diameter. This superb kit contains a hand-finished 8" parabolic mirror (Pyrex) guaranteed to at least 1/8th wave sodium light, aluminized and silicon-monoxide (quartz) overcoated, elliptical diagonal 1-1/2" minor axis aluminized and quartz overcoated, guaranteed to at least 1/10th wave sodium light, one 28mm Kellner eyepiece, and one 1/4" Ramsden eyepiece. Also, this kit contains the informative booklet, "Astronomy Handbook", with complete information on how to build the entire telescope. This booklet also includes a great number of the many beautiful celestial sights available through astronomical telescopes.

Many more of the deep sky wonders are now obtainable, such as the Smoke Ring Nebula in the constellation Lyra, the satellites of Jupiter are now discernible as clean-cut orbs and as high as six or more cloud bands on Jupiter are now visible (under good seeing conditions)--you can now separate the rings of Saturn, and can easily see the Cassini Division and, under good conditions, Encke Division. With an 8" instrument, as high as seven or eight craterlets on the floor of the large crater, Plato, on the Moon, have been seen. Guaranteed to Dawe's Limit.

Approximate boxed Shipping weight: 11 lbs.

ADDITIONAL EYEPIECES AVAILABLE for additional powers for all telescope kits.
LARGER SIZE INSTRUMENTS ALSO AVAILABLE (10", 12-1/2", 16")

REFLECTOR ACCESSORIES AND "DO-IT-YOURSELF" MATERIALS

MIRRORS COMPLETE

Superb optics (1/10th wave sodium light minimum) giving the maximum brilliance and clarity of image. The optics are especially designed for astronomical observation. These Pyrex mirrors are genuinely parabolic and finished to exacting specifications and guaranteed to perform to the Dawe's limit. Aluminized and quartz overcoated to insure maximum protection and lasting use. Each superb mirror is perfectly ground and figured by one of the country's outstanding optical craftsmen. Our rigid requirements are met by top-flight artisans in this highly competitive field. The ability to hold amazingly close tolerances in each mirror fabricated is the guarantee to the purchaser that he is acquiring the finest viewing possible -- This fact is immediately and breathtakingly apparent to the user of our mirrors --- even and especially on the first occasion of viewing with it. 1/10th wave flat furnished with mirror - no additional charge.

Sizes offered: 4-1/4"--6"--8"--10"--12-1/2"--16" (Larger sizes also available on special order.)

Approx. boxed shipping weight:

4-1/4" - 3 lbs.
6" - 5 lbs.
8" - 8 lbs.
10" -14 lbs.
12-1/2" -28 lbs.

REFIGURING OF YOUR MIRROR

If your mirror does not give the fine performance you desire for satisfactory viewing, our opticians will refigure or complete it at a reasonable price. We take your mirror (mirror must be polished) and put the optical figure into it -- something only an experienced optician can do -- re-aluminize and overcoat. If regrinding is necessary there is an additional charge. Guaranteed to 1/10th wave sodium light. New diagonal included with refiguring.

COATINGS

Aluminizing and magnesium fluoride coatings on your optical surfaces - (silicon monoxide -- quartz -- overcoating on all mirrors). If your mirror or lens needs any type of coating,

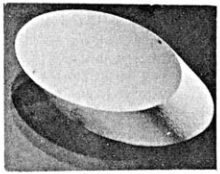
Coast Instrument is prepared to offer fast, reasonable service. All work done by experienced artisans. Availability of one of the world's best and largest high vacuum tanks allows us to accept any size surface.

ELLIPTICAL DIAGONALS (Secondary Mirrors)

1/4 WAVE DIAGONALS

Here is your chance to use in your telescope, excellent 1/4th wave sodium light Pyrex diagonals for a very reasonable price. If you are now using an unaccurate flat or prism, the results will be breathtaking when changing to one of these mirrors. Sizes available: 7/8", 1-1/16", 1-1/4", 1-1/2", 1-7/8" minor axis. Aluminized and overcoated.

Approx. boxed shipping weight: 8 ozs.

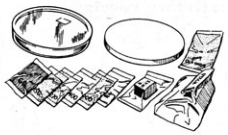


COAST INSTRUMENT ELLIPTICAL DIAGONALS

Coast Instrument's own optical flats with finest first-surface aluminization and silicon monoxide (quartz) overcoated. All of our elliptical diagonals are Pyrex and guaranteed 1/10th wave sodium light or better. Our flats are the finest available at any price. Sizes available: 3/4" - 1" - 1.25" or 1-1/4"; 1.50" or 1-1/2"; 1.75" or 1-3/4"; 2.00" or 2"; 2.50" or 2-1/2"; 2.375" or 2-3/8"; 3.00" or 3".

Quartz flats on request.

Approx. boxed shipping weight: 8 ozs.



MIRROR GRINDING KITS

For the ultimate in viewing with the larger type mirrors, you must grind your own mirror in order to beat the cost factor. AND you can grind your own mirrors with surprisingly good results with our Mirror Grinding Kits. These kits contain the grinding tool, a Pyrex blank, grinding and polishing compounds, pitch and beeswax which are all the materials required. We suggest you see our publications list for "Making Your Own Telescope" by Thompson. Sizes available: 4-1/4", 6", 8", 10", and 12-1/2".



Approx. boxed shipping weight:

4-1/4" - 5 lbs.
6" - 10 lbs.
8" - 12 lbs.
10" - 23 lbs.
12-1/2" - 40 lbs.

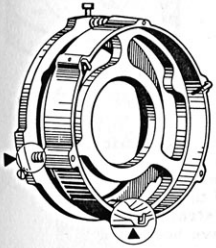
GRINDING MATERIALS AND EXTRA SUPPLIES

#60, #80, #150, #220, #400, #1000 grade Grit, Superfine Grit, cerium oxide, beeswax, pitch black or burgundy and optical red rouge.

Approx. boxed Shipping weight: 8 oz. and 1 lb. rate

PITCH LAP MATS

Coast's own fine hex-pitch-lap mats reduce by 99% chance of turned edge from polishing operation and eliminates zonal aberrations. All mats have about the same number of facets regardless of mirror diameter. Saves much time-consuming effort, for the labyrinth of fluid channels afforded by this design results in greatly improved retention of the polishing medium and less evaporation. Hexagonal design allows more facet area; provides more active "churning" of the polishing fluid and better finish. Sizes available: 4-1/4", 6", 8", 10", 12-1/2".



Post Paid

MIRROR CELLS

COAST INSTRUMENT'S OWN SKELETON-TYPE MIRROR CELL

This again is one of our own developed and manufactured units, and are the finest obtainable at any cost. They are all cast aluminum units with modern rigid design, keeping the weight factor in mind. These mirror cells are the only ones on the market with self-aligning spring tension screws which makes for accurate, positive adjustment. Side mounting screws are included in the price of our cells. Our mirror cells are finished in dull black enameloid to eliminate any chance of stray reflection. Sizes offered are 6", 8", 10", and 12-1/2".

Approx. boxed shipping weight:

6" - 4 lbs.
8" - 5 lbs.
10" - 9 lbs
12-1/2" - 12 lbs.



4-1/4" MIRROR MOUNT

This is a beautiful all-metal mirror cell with spring mounted adjusting nuts plus metal clips to hold the mirror to the mount. This unit will fit any standard 5" O.D. tubing. Outside diameter of mount is 4-7/8", allowing the additional 1/8" for accurate adjustment (comes unassembled, directions included).

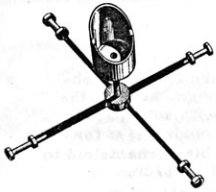
Approx. boxed shipping weight: 2 lbs.

3" MIRROR MOUNT

This all-metal mirror cell also includes the three spring loaded adjustment screws for accurate, positive adjustment. This cell will fit any standard 3-3/4" or 4" tubing. Outside diameter of mirror cell is 3-1/2". Mirror is held in place by double faced pressure sensitive tape (included). This unit comes unassembled with directions included.

Approx. boxed shipping weight: 7 ozs.

SPIDERS (DIAGONAL HOLDERS)



COAST INSTRUMENT DIAGONAL HOLDER

Again, this unit has been designed with rigid and modern, easy-to-use construction. It is made entirely of brass, using the four-vane extremely stable holding method. These units do not cause any unnecessary diffraction patterns on your mirror. The diagonal holder tube itself is equipped with quick-removing screws for dismantling and cleaning of the diagonal. All parts of our spiders are finished in dull black enameloid to eliminate any stray reflections. We believe that there are no finer diagonal holders on the market for these have been sold internationally for many years. Sizes available: 6", 8", 10", 12-1/2".

(Three-vane spiders available on order, but not recommended).

Approx. boxed shipping weight:

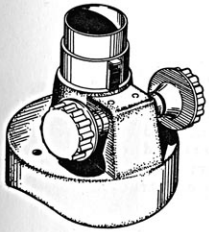
6" - 2 lbs.
8" - 3 lbs.
10" - 3 lbs.
12-1/2" - 9 lbs.



ONE-VANE DIAGONAL HOLDER

This unit was designed for the person wanting to hold down the cost of his telescope as much as possible. We do not recommend the use of a single vane spider unless necessary. This unit is all-metal constructed. Will fit our new HELAJUST focusing device. Sizes available are 4-1/4" and 6".

Post Paid.



EYEPIECE FOCUSING MOUNTS

HYDRO-GLIDE

Coast Instrument's own HYDRO-GLIDE (type formerly referred to as "rack and pinion"). Now you can have WHISPER-SMOOTH control with absolutely no high and low spots as geared units have. This has never before been available in any focusing mount. Standard in appearance, yet utilizing an entirely new concept. We guarantee you will be astonished at its unbelievable superiority. If this isn't the absolute "smoothest", return it for full refund. This is an all-metal unit, beautifully finished in black crackle with all other moving tubes of chrome-plated brass. Patent pending.

Approx. boxed shipping weight: 2 lbs.



HELAJUST

A new approach to an old favorite type of focusing mount. Now at a new low price, but unexcelled in construction. Both push-pull for coarse adjustment, and helical movement for fine, precise focusing, sets this mount apart as an outstanding unit in popular price field. Beautifully finished in black crackle and chrome, with a total extension of main tube and draw tube of 6", and engineered to fit all sizes of tubes without modification. Has single-vane



spider holding boss for those desiring this method of using diagonal. Guaranteed far superior to any other low-priced focusing mounts, or money back.

Approx. boxed shipping weight: 1 lb.

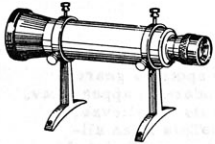
SLIDE FOCUSING MOUNTS

This is a standard 1-1/4" eyepiece focusing device of a simple, yet efficient design. Made of plastic with a 3" long chrome plated tube. Diagonal holder in illustration is an extra.

Approx. boxed shipping weight: 1 lb.

FINDERSCOPES

TRECKER 7x 50mm FINDERSCOPE



The magnificent TRECKER finder as shown in the illustration is used on all of our TRECKERSCOPES. This is a beautifully designed wide-angle finderscope with an eye-catching terrific new look. This finderscope, contrary to what you have been used to seeing, actually enhances the appearance of your telescope. This unit is neat, clean, streamline and completely functional, with all of these outstanding features: 50mm achromatic color-corrected lens -- helical focusing eyepiece -- crosshairs to pinpoint your object easily -- modern contour -- double three-point adjustment mounting on beautifully-finished brackets. It is constructed entirely of metal, finished in white and black enamel.

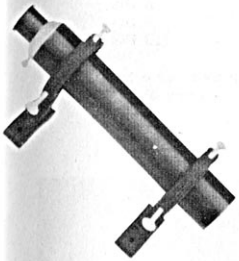
Approx. boxed shipping weight: 3 lbs.

6x FINDER TELESCOPE



This is a fine, economical finder complete with mount. Is of black enameled aluminum and has spiral focusing achromatic objective with sun shade. The thread focusing Ramsden eyepiece has wire crosshairs. The mount is cast aluminum. Black crackle finish and fits all telescopes. Clear aperture of objective 23mm.

Approx. boxed shipping weight: 2 lbs.

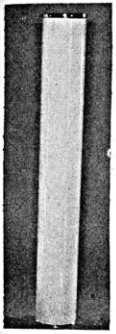


8x FINDER TELESCOPE

This excellent finderscope has a wide field for best finding characteristics. Equipped with a Huygens eyepiece that has glass crossline reticle. Achromatic objective, O.D. 1-1/2". This has a slide focus eyepiece with set screw mounted in black anodized finish aluminum tube. Mount is cast aluminum black crinkle finish. Has 3 locking wing screws on each ring for adjusting. I.D. of holder is 2". Holes in base with screws and nuts for mounting to any size telescope.

Approx. boxed shipping weight: 3 lbs.

FIBERGLASS TUBES



The finest quality in the world. Porcelainized outside finish impervious to scratches and stains. Light-weight, seamless, reinforced, rigid strength, perfectly round. Low thermal conductivity. These beautiful tubes will enhance the appearance of any telescope.

Sizes available:					
6" reflectors (f/8) 7" ID	-	Shipping weight	-	7 lbs.
8" reflectors (f/8) 9-1/2" ID	-	Shipping weight	-	11 lbs.
10" reflectors (f/8) 12" ID	-	Shipping weight	-	22 lbs.
12-1/2" reflectors (f/8) 15" ID	-	Shipping weight	-	37 lbs.

Longer, shorter, and larger diameter tubes on request.

ALUMINUM TUBES

Astronomical telescope size aluminum tubing:

Sizes available:				
2" O.D., 48" long	-	Shipping weight	-	4 lbs.
3" O.D., 48" long	-	Shipping weight	-	5 lbs.
4" O.D., 60" long	-	Shipping weight	-	7 lbs.
5" O.D., 48" long	-	Shipping weight	-	7 lbs.
7" O.D., 60" long	-	Shipping weight	-	15 lbs.

SPIRAL-WOUND CARDBOARD TUBING

Astronomical telescope size cardboard tubing:

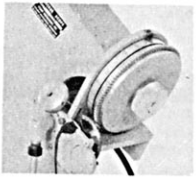
Sizes available:	3-3/4" O.D., 32" long	-	Shipping weight	-	2 lbs.
	5-1/4" O.D., 46" long	-	Shipping weight	-	5 lbs.
	7-3/8" O.D., 60" long	-	Shipping weight	-	13 lbs.

Telescoping cardboard tube sets: The experimenter now has telescoping tubing available to him. This is made of Kraft paper and is blackened on the inside. Surprisingly sturdy and durable (each piece is made to telescope into the next larger size).



Set 1: 8 pieces of tubing (I.D.), 1/2", 5/8", 3/4", 7/8", 1", 1-1/4", 1-1/2", 1-3/4"
Set 2: 4 pieces of tubing (I.D.), 2", 2-1/4", 2-1/2", 3".

Shipping weight	-	Set 1	-	6 lbs.
Shipping weight	-	Set 2	-	4 lbs.



110v TRECKER DRIVE

Complete with manual flex-line slow-motion control, designed for heavy duty long life and smooth performance. Again, clean modern lines are incorporated with a high-precision gear train to give the smoothest, most trouble-free action possible. The clock can be attached to any 1-1/4" or 1-1/2" polar axle. Instructions included for mounting. This clock drive uses the quietest, most efficient miniature power plant that has or ever will be, a privilege to use. Construction is entirely of aluminum, using precision-ground brass gears.

Approx. crated shipping weight: 15 lbs.

MICRO-ADJUSTMENT TRECKER DRIVE

This is the first time you are offered all of the tremendous features of the regular TRECKER drive plus the all-new "Micro Adjustment", which means that you have complete control of the clock itself. Plus the ability of moving with precision adjustment the manual-flex-line control while the clock is in motion. This allows precision micrometer-like adjustment. This clock drive can be used as either solar or a sidereal time drive.

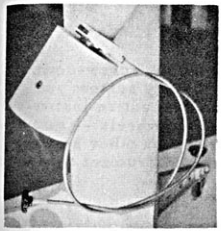
Approx. crated shipping weight: 15 lbs.



SETTING CIRCLES

These circles are Coast Instrument's own, and are used on all of the TRECKERSCOPES. They are made entirely of aluminum with precision markings in both sidereal time (right ascension) and declination. A new feature on these units permit resetting without loosening any set screws. Specify shaft size diameter when ordering.

Approx. boxed shipping weight: 4 lbs.



DECLINATION SLOW-MOTION CONTROL

This is a slow-motion control system with a manual flex-line control that can be adapted to any declination axis. It is constructed entirely of aluminum with precision brass gears. This slow-motion control is used for any minor alignment on the declination axis due to faulty orientation, such as in long photographic exposures.

Approx. boxed shipping weight: 3 lbs.



FULLY-ROTATABLE TUBE (with retaining guide rings)

The fully-rotatable tube system is one of the most important optional items that can be obtained for a telescope. The fully-rotatable tube system means that the tube itself can be moved or rotated to a better accessible viewing point without dismantling or otherwise loosening the entire tube assembly. This sytem is extremely useful when the height of several of the viewing parts varies considerably. This feature can mean the difference between seeing an object comfortably or having to strain to reach the eyepiece, thereby missing some of the beautiful details that sometimes take quite a time to resolve. The fully-rotatable tube system saddle is made entirely of heavy-duty aluminum casting with beautiful modern design, plus stainless steel holding straps and either 1-1/4" or 1-1/2" (as to your specification) solid steel polar axle.

Approx. crated shipping weight:

6" - 20 lbs.
8" - 23 lbs.
10" - 26 lbs.
12-1/2" - 35 lbs.

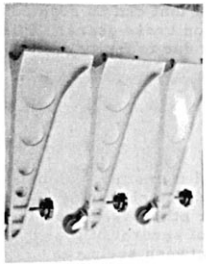
SEMI-ROTATABLE TUBE SADDLE AND POLAR AXLE



Constructed entirely of a one-piece heavy-duty aluminum casting, beautifully contoured and features chip-resistant finish, stainless steel holding straps and either 1-1/4" or 1-1/2" (as to your specification) solid steel polar axle. This unit is used on all of our standard model TRECKERSCOPES.

Approx. crated shipping weight:

6" - 16 lbs.
8" - 18 lbs.
10" - 23 lbs.
12-1/2" - 32 lbs.



SNAP-OUT REMOVABLE CASTER LEGS (Set of 3)

These legs are new wrap-around heavy duty TRECKERSCOPE legs with the screw-down leveling adjustment as well as the snap-out ball bearing casters. By using this leg system you can easily move your telescope around to a better vantage point without lifting the entire instrument. Naturally, no observing is done while the telescope is still resting on the wheels -- that is why we incorporated the snap-out principle. Simply by putting a screwdriver or other similar device between the leg and the wheel, they pop out immediately, allowing your instrument to rest rigidly on the ground.

Approx. crated shipping weight: 20 lbs.

MICROSCOPES



For use in a professional laboratory or for high school projects, Coast Instrument can furnish you with the finest microscopes made, with binocular or monocular outlooks, standard or Greenough, with powers from 20x to 2,250x. Styles suitable for metallurgists, biologists, etc., plus a long line of microscope accessories to make a wider range of applications for your instrument. Write for details.

LITERATURE ON TELESCOPES AND ASTRONOMY

1. AMATEUR ASTRONOMY HANDBOOK - Sidgwick
2. AMATEUR TELESCOPE MAKING - Vol's. I, II, III - Scientific American



3. THE GOLDEN BOOK OF ASTRONOMY - Giant Golden Book
4. ASTRONOMY HANDBOOK - Hausman
5. INTRODUCING ASTRONOMY - Sidgwick
6. OBSERVATIONAL ASTRONOMY FOR AMATEURS - Sidgwick
7. ASTRONOMY MADE SIMPLE - Meir H. Degani
8. ASTRORAMA (star finder) - Griffith Observatory
9. CONQUEST OF SPACE - Bonestell & Ley
10. DISCOVER THE STARS - Johnson & Adler
11. DISCOVERY OF THE UNIVERSE - G. de Vaucouleurs
12. EXPLORING MARS - Gallant
13. EXPLORING THE MOON - Gallant
14. EXPLORING THE UNIVERSE - Gallant
15. FIELD BOOK OF THE SKIES - Olcott
16. FRONTIER TO SPACE - Burgess
17. GRAPHIC TIME TABLE OF THE HEAVENS - Maryland Academy of Sciences
18. GRIFFITH OBSERVER magazine - Griffith Observatory
19. GUIDE TO MARS - Moore
20. HANDBOOK OF THE HEAVENS - Bernhard, Bennett, Rice
21. HOME BUILT TELESCOPES - Edmund Scientific
22. HOW TO BUILD A QUARTZ MONOCHROMATOR FOR OBSERVING PROMINENCES OF THE SUN - Dunn
23. HUNTING WITH THE MICROSCOPE - Johnson & Bleifeld
24. LUNAR MAP - Sky & Telescope
25. HOW TO MAKE A TELESCOPE - Texerau
26. MAKE YOUR OWN SPECTROSCOPES & SPECTROGRAPHS - Edmund Scientific
27. MAKING YOUR OWN TELESCOPE - Thompson
28. INTRODUCTION TO THE MOON - Alder
29. THE MOON - Wilkens & Moore
30. NORTON'S STAR ATLAS - Norton & Ingalls
31. PHYSICS OF THE PLANET MARS - G. de Vaucouleurs
32. POPULAR STAR ATLAS - Gall & Ingalls
33. REAL BOOK ABOUT SPACE TRAVEL - Goodwin
34. REAL BOOK ABOUT STARS - Goodwin
35. ROCKETS & GUIDED MISSILES - Humphreys
36. SATELLITE - Bergaust & Beller

37. SKALNATE PLESO (maps) DeLuxe (color) and Standard Editions
38. SKY & TELESCOPE MAGAZINE - Sky Publishing Corporation
39. SPLENDORS OF THE SKY - Chas. & Helen Federer
40. SKYSHOOTING - Mayall and Mayall
41. THE SUN - Abetti
42. THE SUN AND ITS INFLUENCE - Ellison
43. STARS - Golden Nature Guide
44. TELESCOPE OPERATION MANUAL - Dudley
45. WORKING WITH THE MICROSCOPE - Corrington
46. PICTORIAL ASTRONOMY - Alder & Cleminshaw

HOW TO ORDER

Please use our order blanks wherever possible. It will help us process your order more quickly. Additional order blanks are yours for the asking.

PRINT YOUR NAME AND COMPLETE ADDRESS LEGIBLY.

List shipping weights as indicated under each catalog listing; use our convenient parcel post chart to estimate the amount to include for postage. All Freight and Express shipments are collected on delivery. ALL UNUSED POSTAGE MONEY WILL BE REFUNDED BY CHECK WITH YOUR ORDER.

AVOID C.O.D. ORDERS -- SAVE BOTH TIME AND MONEY. We do not accept C.O.D. orders for less than $5.00 or without receiving 25% of the order in advance. The cost of C.O.D. shipment is very high. Even on a $5.00 order there are extra postal charges of 50¢ in addition to the regular postage. Therefore we advise you not to use this service except in emergencies.

The safest and best ways to send money are: Postal Money Order, Personal Check or Bank Cashiers Check; however, if you have no other way of remitting, be sure coins are well wrapped in stout paper.

All merchandise is sold at prices in effect on the date of shipment and all prices quoted in our catalogs and bulletins are subject to change without notice. In event of price increase you decide you do not want the item at the increased price, such merchandise may be returned for refund, exchange or credit - - whichever you prefer.

DUE TO ADDED COST BEYOND OUR CONTROL, WE ARE FORCED TO MAKE A HANDLING CHARGE OF 10¢ ON ALL ORDERS OF $1.00 OR LESS.

Postal regulations limit length plus girth measurements to 72" when sent to all first class post offices making it impossible to Parcel Post the longer bows. These will be shipped via Railway Express unless otherwise notified.

SALES TAX OF 4% APPLIES TO ALL ORDERS FROM CALIFORNIA; Please remit with order ... Thank you!

CANADIAN CUSTOMERS - IMPORTANT: No permit of any kind is necessary anymore for buying any item listed in this catalog. Order whatever you want. Pay with Canadian Money Order, Travel Check or Personal Check or Paper Money. Your money is worth more than ours and we want as much of it as possible. U.S. mail does not permit any C.O.D. shipments to Canada.

BACK ORDERED ITEMS: Items which are not in stock but which we expect to receive within a few days will be back ordered -- all other items which we do not have for immediate shipment will be refunded.. If you have an item on "back order" and wish it canceled simply notify us and your money will be refunded or applied as credit ... whichever you prefer.

WHEN RETURNING MERCHANDISE it will greatly help us if you will tell us why it is unsatisfactory. We can then take whatever action necessary to avoid disappointing others. Also state whether you wish us to exchange it for other articles or whether you wish a refund.

IF YOU DO NOT SEE A PIECE OF EQUIPMENT LISTED IN OUR CATALOG ... SIMPLY WRITE FOR IT. OUR STOCK IS CONSTANTLY CHANGING; MANY NEW ITEMS BEING ADDED BETWEEN PUBLICATIONS OF OUR CATALOG. WE ENDEAVOR TO STOCK ALL ITEMS AVAILABLE FOR ASTRONOMY.

TIME PAYMENT PLAN

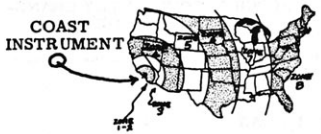
If desired, an extended payment plan is available on standard bank terms of 1/3 down (down payment may, in some cases, be reduced if sufficient financial stability can be shown on credit application), with balance payable in up to 24 monthly installments at regular bank rate. This way you can pay while enjoying your TRECKERSCOPE!

WE WILL TRADE TELESCOPES WITH YOU

Write us describing your telescope and send picture if possible and we will inform you how much we can allow you towards a new telescope of your choice.

Prices and mechanical specifications subject to change without notice.

Postal rates shown here do not apply to Canadian and other shipments outside of the United States.



"SPECIAL HANDLING" IS FASTER than regular parcel post and your orders will get to you days quicker. Simply specify "SPECIAL HANDLING" and inclose 25¢ to cover extra postage.

3¢ - 1st - 2 ozs.

1-1/2¢ per ozs. up to and including 15 ozs.

All shipments sent F.O.B. Long Beach, Calif. unless otherwise stated.

WEIGHT IN LBS. OVER 15 OZ. TO	LOCAL	ZONE 1-2 UP TO 150 MILES	ZONE 3 150 TO 300 MILES	ZONE 4 300 TO 600 MILES	ZONE 5 600 TO 1000 MILES	ZONE 6 1000 TO 1400 MILES	ZONE 7 1400 TO 1800 MILES	ZONE 8 OVER 1800 MILES
1	$.18	$ .23	$ .23	$ .24	$ .26	$ .28	$ .30	$ .32
2	.20	.27	.29	.31	.36	.40	.46	.51
3	.21	.31	.34	.38	.45	.52	.61	.69
4	.23	.35	.39	.45	.54	.64	.76	.87
5	.24	.39	.44	.52	.63	.76	.91	1.05
6	.26	.43	.49	.59	.73	.88	1.06	1.23
7	.27	.47	.54	.66	.82	1.00	1.22	1.41
8	.29	.51	.60	.73	.91	1.12	1.37	1.59
9	.30	.55	.65	.80	1.00	1.24	1.52	1.77
10	.32	.59	.70	.87	1.10	1.36	1.67	1.95
11	.33	.63	.75	.93	1.19	1.48	1.82	2.13
12	.34	.67	.80	1.00	1.28	1.60	1.98	2.31
13	.36	.71	.85	1.07	1.37	1.72	2.13	2.49
14	.37	.75	.90	1.14	1.47	1.84	2.28	2.67
15	.39	.79	.96	1.21	1.56	1.96	2.43	2.85
16	.40	.83	1.01	1.28	1.65	2.08	2.58	3.03
17	.42	.87	1.06	1.35	1.74	2.20	2.74	3.21
18	.43	.91	1.11	1.42	1.84	2.32	2.89	3.39
19	.45	.95	1.16	1.49	1.93	2.44	3.04	3.57
20	.46	.99	1.21	1.56	2.02	2.56	3.19	3.75

ORDER FORM

YOUR NAME _____

To: Coast Instrument, Inc.,
4811 Long Beach Blvd.,
Long Beach 5, Calif.

STREET _____
CITY, ZONE,
STATE _____

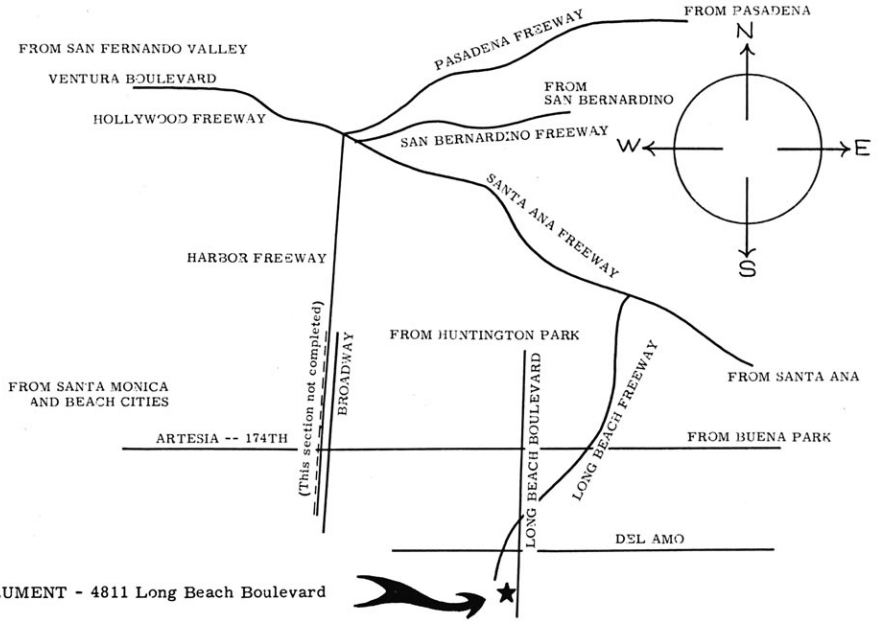
I am enclosing $_____ cash (my risk), check, money order, for which please send me as soon as possible:

QUAN	STOCK #	DESCRIPTION	PRICE EA.	TOTAL
		If you desire to designate special routing or shipping, specify here: (When applicable)---	CRATING	
			SALES TAX	
			SHIP. CHG.	
			TOTAL	

All products, unless specified "Prepaid", are priced at Long Beach, Calif., and shipping charges will be added. SAVE C.O.D. fees by enclosing a sufficient amount to cover these charges -- any overage will be refunded with your order. Shipments will be routed to reach you quickly, by best method, and at least cost. All merchandise shipped well packed and fully insured and on 10 DAY MONEY-BACK GUARANTEE. For C.O.D. shipments, 1/3 deposit required. CALIFORNIA RESIDENTS ADD 4% SALES TAX. TRECKERSCOPES, and all Coast Instrument merchandise, the Standard of Comparison in the United States today, are guaranteed to be the finest possible -- you cannot buy better! Established in 1933, we have always maintained a "quality first" policy and will never change this most important of all considerations. Your order is appreciated -- THANK YOU.

VERY IMPORTANT -- IN CASE OF DAMAGE TO SHIPMENTS EN ROUTE, YOU, NOT WE, MUST FILE CLAIM WITH THE DELIVERING CARRIER, WHETHER IT BE BY MAIL, RAILWAY EXPRESS OR TRUCK. AS ALL SHIPMENTS ARE INSURED BY US, WE MUST LIKEWISE BE NOTIFIED IMMEDIATELY FOR YOUR PROTECTION.

WHEN IN L.A. AREA, VISIT US IN LONG BEACH



COAST INSTRUMENT - 4811 Long Beach Boulevard


COAST INSTRUMENT INC. 4811 LONG BEACH BOULEVARD LONG BEACH 5, CALIFORNIA