

PLEASE READ THIS FIRST

SALE

In celebration of 25 years (Silver-Anniversary) in business and in celebration of the Bicentennial we are offering for the first time of 25 years of business a TREMENDOUS SALE. We are offering a 10% STRAIGHT DISCOUNT on all astrola telescopes, mountings, telescope mirrors, all component parts, and accessories for a period of 45 days only from the date you receive this catalog. The only exceptions being on the 6" student standard, 6" student deluxe, and the all-new 8" lightweight standard. On these instruments we are offering a STRAIGHT 5% discount. No discounts are being offered on packing or wood crating but everything else is fully 10% discount. To qualify for this discount, with your order you must send this certificate slip attached to your order form. You may pay for your order with a 50% deposit or payment in full, to insure even faster delivery. Or you may pay by BankAmericard or Master Charge giving us your bank card number. Indicate also the expiration date of current bank card. No discount is offered on the sales contract type of financing the purchase of any telescope or parts. We strongly advise taking full advantage of this discount sales. With increasing manufacturing costs, slow parts, and steady inflation we never expect a simillar sale to occur again.

SALE

OFFER ENDS JANUARY 31, 1977

Very Truly Yours,
Tom Cave

Bausch & Lomb Optical Company

PRICE SHEET CAVE ASTROIA TELESCOPES

Price Sheet Page 1

Catalog
Page No.

5	6" F/4 Null Figured Richest Field Telescope hand held with 25mm wide field orthoscopic eyepiece..... Packing and Crating..... Simple Equatorial for 6" F/4 or 8" f/4.5 with best ball bearings and column and leg stand..... 8" F/4.5 Null Figured Richest Field Telescope with 25mm wide field orthoscopic eyepiece (without mounting) 10" F/5 Null Figured Richest Field Telescope with wide field orthoscopic eyepiece, 25mm and 8 x 50 finder (without mounting)..... Simple equatorial mounting with column, leg stand, and best bearing for 10" FFT.....	\$185.00 15.00 140.00 235.00 360.00 175.00
6 & 7	6" Student Standard..... 6" Student Deluxe..... 6" Heavy-Duty Model 'A' Standard..... 6" Heavy-Duty Model 'A' Deluxe..... Packing & Wood Crating for above Additional.....	280.00 385.00 420.00 565.00 30.00
8 & 9	8" Heavy-Duty Model 'B' Deluxe..... 8" Heavy-Duty Model 'B' Standard..... 8" Lightweight Deluxe..... 8" Lightweight Standard (no illustration)..... Packing and Wood Crating for Above Additional.....	720.00 460.00 595.00 400.00 40.00
10	10" F/5 to F/8 Model 'C' Deluxe..... Packing & Wood Crating Additional.....	925.00 40.00
11	10" F/5 to F/8 Observatory Deluxe with Permanent Pier, including declination slow motion plus 60mm Guide Scope..... Packing & Wood Crating.....	1,245.00 40.00
Photo (Front Cover)	10" F/5 to F/8 <u>ALL CHROME PLATED</u> Super Custom Deluxe with Declination Electric Slow Motion..... Packing & Wood Crating.....	1,145.00 40.00
11	10" Model 'C' Standard with Rotatable Tube No Clockdrive, No Setting Circles..... Packing & Wood Crating.....	590.00 40.00
11	10" F/5 or F/6 New Super Compact Deluxe..... Packing & Wood Crating.....	650.00 40.00
12 & 13	12 ½" F/5, F/6, F/7, & F/8 Model 'D' Permanent Observatory Research Deluxe Reflector..... (standard with dual speed drive corrector) Same Telescope on 3 leg stand..... (standard with dual speed drive corrector) 12 ½" F/5, F/6, or F/7 Model 'D' Transportable Deluxe..... Packing & Wood Crating Transportable..... Observatory.....	2,490.00 2,450.00 1,475.00 60.00 80.00
14	8" F/4.5—F/14 FFT Light-Weight Deluxe Dual-Capability..... 8" F/4.5—F/14 FFT Heavy-Duty Deluxe Dual Capability..... Packing & Wood Crating.....	595.00 720.00 40.00

14	ACCESSORIES AVAILABLE 6" to 10" All Model Reflectors	
	60mm Guide Scope with Star Diagonal and Guide eyepiece and brackets installed.....	85.00
	80mm Photo-Guide Scope with Star Diagonal and Installed.....	145.00
	Cadman Frequency Drive Corrector 50% Increase & Decrease in Driving Rate.....	120.00
	Cadman Dual-Speed Electronic Drive Corrector 2 times driving rate, sidereal rate and 10% driving rate.....	155.00
	Prime Focus & Eyepiece Projection Camera Adapter with 1" Ring complete system for 35mm Cameras.....	35.00
15	Custom Observatory Reflectors 18 to 24" Aperture Prices upon Application depending on equipment required.	
16	16" F/5, F/6, or F/7 Permanent Observatory Deluxe made to complete specifications per catalog.....	4,490.00
	6" F/6 to F/8 Photoguide Scope with brackets.....	235.00
	Packing & Wood Crating of 16".....	80.00
17	8" Heavyduty Deluxe Astrola Cassegrain.....	1,050.00
	Packing & Wood Crating.....	40.00
17	8" Lightweight Deluxe Cassegrain on 1" dia. shaft mounting but same otherwise as heavyduty.....	920.00
	Packing & Wood Crating.....	40.00
18	10" F/16 Deluxe Transportable Cassegrain.....	1,895.00
	Note: This instrument may be purchased without frequency drive corrector or photoguide scope with only one finder, without declination electric slow motion and with 3 oculars and star diagonals.....	1,400.00
	Packing & Wood Crating.....	40.00
19	10" Observatory Cassegrain on newest improved mounting.....	1,995.00
	Packing & Wood Crating.....	40.00
(New)	12 1/2" Super Compact Deluxe Reflector F/5.....	1,295.00
	Packing & Crating.....	60.00
21	12 1/2" F/16 Cassegrain Observatory Deluxe.....	3,995.00
	Packing & Wood Crating.....	80.00
	16" F/16 Cassegrain made to same specifications on mounting as 12" with larger Clockdrive & larger optics & Tube Assembly as per photo with 80mm Photo Guide Scope, 2" Finder & full compliment of accessories.....	8,950.00
	Packing & Wood Crating.....	80.00
(New)	22 12 1/2" Transportable Cassegrain to complete Specifications.....	2,850.00
	Packing & Wood Crating.....	60.00
23	Custom Research Observatory Cassegrain 16" to 24" Prices Upon Application.....	
24	6" Observatory F/15 Refractor per all specifications on rectangular observatory pier.....	2,250.00
	6" Astrola Refractor on tall Hardwood Tripod (no pier) complete otherwise.....	1,950.00
	Packing & Wood Crating.....	40.00
25	4" Astrola Refractor per all specifications on Folding Hardwood Tripod.....	975.00
	Packing & Wood Crating.....	40.00

CAVE-ASTROLIA PARABOLIC
Telescope Mirrors—Speculae

Cave Astrolia Newtonian & Cassegrain Telescope Mirrors from 4" to 24" aperture have become the standard of the world in optical performance quality. Each mirror is made on low expansion extra fine annealed PYREX and is totally hand figured by some of America's most skilled opticians. Each mirror is guaranteed to give the finest possible optical performance and to be better or equal to any other manufactured optics. Do not be misled by false wave length claims and cheap prices. In telescope optics you get what you pay for.

NEW PARABOLIC MIRRORS WITH DIAGONAL
ALUMINIZED & QUARTZ OVERCOATED
FINEST OPTICAL EXCELLENCE

4½"		\$	50.00
6 "			79.00
8 "			115.00
10 "			197.00
12½"			325.00
16 "	F/6, F/7, F/8		990.00
16 "	F/4, F/5		1,075.00

CASSEGRAIN OPTICS - PRIMARY & SECONDARY
PRICE PER SET - PRIMARY PERFORATED

6 "	F/4 - EFFL F/16	175.00
8 "	F/4 - EFFL F/16	245.00
10 "	F/4 - EFFL F/16	370.00
12½"	F/4 - EFFL F/16	520.00

REFIGURING YOUR IMPERFECT MIRROR OR
UNCOMPLETED MIRROR, INCLUDING DIAGONAL
AND ALUMINIZING

4½"		40.00
6 "		52.00
8 "		68.00
10 "		110.00
12½"		175.00
16 "		600.00

ELLIPTICAL PYREX DIAGONALS
1/12 to 1/16 wave or better

	<u>Not Alum.</u>	<u>Alum.</u>
1.050"	\$ 5.00	\$ 6.50
1.300"	7.00	8.50
1.550"	10.00	12.00
1.830"	12.50	14.50
2.141"	16.95	19.00
2.610"	21.00	24.00
3.062"	32.00	35.00

ORTHOSCOPIC OCULARS 1½"
ORTHOSTAR BY NIKON

<u>ASTROLIA KELLINER (ACHROMATIC)</u>	<u>ABBE ORTHOSCOPIC</u>	<u>ERRFLE</u>
40mm \$21.00	26.6mm Orthostar \$29.50	20mm wide-field
25mm 16.95	20mm Orthostar 29.50	Orthostar w/80° field \$36.50
20mm 16.95	16mm Orthostar 29.50	16.3mm Galoc w/75° field \$35.50
12mm 16.95	10mm Orthostar 29.50	
9mm 16.95	6.6mm Orthostar 29.50	
6mm 16.95	4mm Orthostar 29.50	

TOP QUALITY ORTHO (1½")

25mm	\$19.95
12mm	19.95
6mm	19.95
4mm	19.95

PRICE LIST FOR ASTROLA COMPONENT PARTS

The new prices (effective April 1976) are exclusive of postage, shipping, and can be subject to change without notice. California residents add 6% sales tax.

	6"	8"	10"	12"
Astrola Student Standard complete instrument with eyepieces and packing extra	\$280.00	\$400.00	*	*
Astrola Student Deluxe, packing extra	385.00	*	*	*
Astrola Lightweight-Deluxe, packing extra	*	595.00	*	*
Complete Deluxe Portable Astrola	565.00	720.00	925.00	1,475.00
Astrola Student Standard Equatorial Mounting w/column & leg stand, saddle w/straps, counterweight and 1" shaft	120.00	135.00	*	*
Complete Telescope with our finest oculars, large finder, and fittings—No mnt. & stand	200.00	310.00	435.00	680.00
Standard Astrola Mounting w/column and leg stand, saddle w/straps and 1½" shaft—No drive, circles, or rotating tube	160.00	180.00	200.00	325.00
Complete Student Deluxe Mtg. w/column & leg stand, 6" circles, electric drive & 1" shaft	210.00	220.00	*	*
Complete Equatorial heavy-duty mounting with column and leg stand, saddle w/straps, head, 6" circles, 1½" shaft, and drive	280.00	295.00	325.00	750.00
Cast Aluminum stand with legs and flat cap	48.00	48.00	48.00	120.00
Fully rotating tube system including inside & outside rings, bearings, and spacer rods	80.00	90.00	100.00	160.00
Fiberglass tubes (white) porcelainized with polished aluminum end rings	48.00	65.00	110.00	165.00
Magnusson setting circles—finely indexed	35.00	35.00	35.00	*
Cave Astrola Pyrex mirrors—aluminized quartz overcoated, and diagonal included	79.00	115.00	197.00	325.00
Mirrors aluminized and quartz overcoated	12.00	15.00	19.00	30.00
Mirror grinding kits	25.00	35.00	69.00	95.00
Heavy-duty electric clock drive complete with 1½" shaft and ready for installation	115.00	115.00	115.00	170.00
Electric clock drive with 1" shaft	90.00	90.00	*	*
Electric declination slow motion w/remote control	115.00	115.00	115.00	115.00
Frequency drive corrector with power supply AC & DC with 10 Watt capacity	120.00	120.00	120.00	120.00
Cast Aluminum mirror cell—flat black & adj.	15.00	17.00	23.00	40.00
Four-Vane spider and diagonal holder — specify size of holder desired	12.00	13.00	18.00	25.00
Astrola 8 x 50mm finder with brackets	39.50	39.50	39.50	39.50
2.4" x 80X finder (60mm photo guide scope)	85.00	85.00	85.00	85.00
Giant 2" Rack & Pinion with 1½ adaptor focuser	35.00	35.00	35.00	35.00
Carle photo-visual helical focuser—1½"	24.00	24.00	24.00	24.00
Heavy-duty Rack & Pinion focuser 1½"	32.50	32.50	32.50	32.50
Small size Rack & Pinion focuser 1¼"	22.50	22.50	22.50	22.50
Camera adapters (Prime focus type)	20.00	20.00	20.00	20.00
Combination eyepiece projection & prime focus adapter—all adapters for 35mm type cameras	35.00	35.00	35.00	35.00
Filters:				
Polaroid	7.95	7.95	7.95	7.95
1½" Yellow-Orange-Green-Blue-Red	6.95	6.95	6.95	6.95
Complete set of all above filters and holders	40.00	40.00	40.00	40.00

SMALL TELESCOPES FOR THE
BEGINNING OBSERVER

Prices are f.o.b. our plant
California residents add 6%

Model 210 "JASON" Altazimuth 2" Refractor with tripod, erector, star diagonal,
barlow lens, two eyepieces, and case \$109.95

Model 300 "MEADE" Deluxe Equatorial 3 1/8 with massive hardwood tripod, prisim
erector, large finder, five eyepieces, long cable slow motions, star diagonal
and wood case 335.00

*** Accessory: Deluxe Equatorial clock drive motor is available for Models
290 and 300 55.00

Model 813 "MAYFLOWER" 2.4" refractor on simple altazimuth mount with star
diagonal, lens erector, Barlow, sun filter, two eyepieces, powers 35X to 175X
and carrying case 99.50

Model 814 "MAYFLOWER" 2.4" refractor on altazimuth mount with slow motions,
star diagonal, finder, three eyepieces, tripod, powers 35X to 280X and
carrying case 160.00

Model 815 "MAYFLOWER" 2.4" refractor on a very heavy equatorial mounting w/cable
slow motions, sun projection screen, sun filter, prismatic erector, four
eyepieces, barlow, powers 45X to 450X 280.00

Model 816 "MAYFLOWER" 3 1/8 refractor F/16 on very heavy equatorial mount with
remote control cable slow motions, setting circles, sun screen, prism erector,
tar & sun diagonals, four eyepieces, barlow lens, powers 60X to 600X and
carrying case 345.00

Model 824 "MAYFLOWER" 4.5 reflector F/9 on equatorial mount with slow motions,
setting circles, sun & moon filters, finder, two eyepieces, barlow lens, tripod,
powers 35X to 300X and carrying case 199.95

***Please Note: There is a packing charge of \$10.00 for the Student Mountings
and \$15.00 for the larger complete mountings. Also, there is
a minimum packing charge for our fiberglass tubes which is as
follows: 6" and 8" tubes--\$8.00, 10" -- \$10.00, 12 $\frac{1}{2}$ " tube--\$15.00

POPULAR BOOKS

Standard Handbook of Telescope Making by Howard \$14.00
Norton's Star Atlas \$13.95

Telescopes for Skygazing - Paul 10.50
Atlas of the Heavens,
Skalnate, Pleaso, Becvar 15.50

Outer Space Photography - Paul 10.50
Catalog for the Atlas of the
Heavens, Becvar 10.00

Field Guide to the Stars and Planets -
Menzel 9.00
How to Make Your Own Telescope,
Flexereau 10.50

Sky Observers Guide--Mayall & Mayall 2.00
Making Your Own Telescope,
Thompson 6.00

Skyshooting - Photography for Amateur
Astronomers - Mayall 3.50
Celestial Objects For Common
Telescopes - Vol. 1, Webb 3.50

Field Book of the Skies-Olcott & Mayall 8.00
Celestial Objects For Common
Telescopes - Vol. II, Webb 3.50

Handbook of Practical Astronomy by Moore 10.00
Celestial Objects For Common
Telescopes - Vol. I, Webb 3.50

Starlight--What it tells about the stars
by Macmillan Co. 9.95
The Origin of the Solar System,
by Macmillan Co. 8.95

The Planets, some myths and realities
by Baum 9.85
Telescopes, How to Make them &
use them, by Macmillan Co. 8.95

Stars & Clouds of the Milky Way, by Page
and Page, Macmillan Co. 7.95
Astronomical Telescopes &
Observatories for Amateurs,
by Patrick Moore 10.95

Wanderers in the Sky, by Page and Page,
Macmillan Co. 7.95

The New Guide to the Planets, by Patrick
Moore 9.95

