



**8" LX75 SC-8AT
SCHMIDT-CASSEGRAIN
FOCAL LENGTH: 2000mm f/10**

Don't settle for a standard optical system when you can have one of Meade's superior Schmidt-Newtonian or Schmidt-Cassegrain systems for the same price or less. These systems deliver strikingly superior views compared to competing telescopes and are ideal for astrophotography.

LXD75 telescopes not only provide the best optical systems, but also give the user all the advantages of the legendary AutoStar GoTo system with push button slewing to over 30,000 objects on a sturdy, well engineered German Equatorial mount.

If you want the best performance in optics, mechanics and computer control in an affordable telescope, the LX75 line is your best choice.

For a complete listing of all the advanced features on the LX75 line, or to find a dealer near you, visit www.meade.com.

FEATURES

- **Stable Meade LX75 Computer Controlled German Equatorial Mount with Heavy-Duty Castings**

Designed by Meade's engineers and manufactured for high-performance observing and astrophotography.

- **Meade AutoStar®**

The AutoStar controller helps you quickly find, and GO TO over 30,000 objects in the night sky. View planets, stars, galaxies, nebulae, and comets...all at the push of a button. Input date, time and location—then let AutoStar take you on a guided tour of the best objects that night.

- **Meade Ultra-High Transmission Coatings (UHTC)**

Increases total light transmission and image brightness by nearly 20% over Meade's standard coatings. Objects such as stars, galaxies and nebulae will appear significantly brighter. (Available on SN & SC Models)

**10" LX75 SN-10AT
SCHMIDT-NEWTONIAN
FOCAL LENGTH: 1016mm f/4**



**8" LX75 SN-8AT
SCHMIDT-NEWTONIAN
FOCAL LENGTH: 812mm f/4**



**6" LX75 SN-6AT
SCHMIDT-NEWTONIAN
FOCAL LENGTH: 762mm f/5**



**6" LX75 AR5-AT
ACHROMATIC REFRACTOR
FOCAL LENGTH: 1219mm f/8**



**5" LX75 AR5-AT
ACHROMATIC REFRACTOR
FOCAL LENGTH: 1143mm f/8**



**6" LX75 N-6AT
NEWTONIAN REFLECTOR
FOCAL LENGTH: 762mm f/5**



SPECIFICATIONS

| Optical Design | Newtonian | | Schmidt-Newtonian | | Schmidt-Cassegrain | Achromatic-Refractor | |
|-----------------|-----------------|-----------------|-------------------|-----------------|--------------------|----------------------|-----------------|
| Model | N-6AT | SN-6AT | SN-8AT | SN-10AT | SC-8AT | AR-5AT | AR-6AT |
| Part Number | 0605-75-11 | 0605-75-02 | 0804-75-02 | 1004-75-02 | 0810-75-02 | 0509-75-01 | 0608-75-01 |
| Aperture | 6" (152mm) | 6" (152mm) | 8" (203mm) | 10" (254mm) | 8" (203mm) | 5" (127mm) | 6" (152mm) |
| Focal Ratio | f/5 | f/5 | f/4 | f/4 | f/10 | f/9 | f/8 |
| Focal Length | 762mm | 762mm | 812mm | 1016mm | 2000mm | 1143mm | 1219mm |
| Primary Mirror | Plate Glass | Pyrex® | Pyrex® | Pyrex® | Pyrex® | N/A | N/A |
| Viewfinder | 6x30 | 8x50 | 8x50 | 8x50 | 8x50 | 8x50 | 8x50 |
| Hand Controller | AutoStar #497 | AutoStar #497 | AutoStar #497 | AutoStar #497 | AutoStar #497 | AutoStar #497 | AutoStar #497 |
| UHTC | | Included | Included | Included | Included | | |
| Part Number | 7 09942 38019 4 | 7 09942 38025 5 | 7 09942 38056 9 | 7 09942 38042 2 | 7 09942 38048 4 | 7 09942 38050 7 | 7 09942 38015 6 |

MEADE LXD75 GERMAN EQUATORIAL MOUNT

• Shaft & Bearing System

The sturdy German Equatorial Mount is accurate and precise. The RA and Dec axes move effortlessly on four high precision stainless steel ball bearings.

• High-Precision Worm Gears

Located on both axes for smooth tracking and slewing.

• High-Precision Pointing (HPP)

For even more precise pointing use the HPP function. HPP puts objects in the center of the field-of view which allows you to confirm deep sky objects at the faintest limits of the telescope's capability.

• Periodic Error Correction

Corrects periodic errors on the RA axis over the course of one or more training periods, thereby minimizing guiding corrections during long-exposure photography.

• 9-Speed Drive Controls

From a rapid slew rate of 4.5°/sec. to 1x sidereal—it's all controlled from the AutoStar controller. 3-Star Alignment ensures precise alignment. It eliminates the need for a complicated optical/mechanical alignment process.

• Heavy-Duty Tripod

Variable-height field tripod with spreader bar brace provides the stability and vibration damping required for visual observation and astrophotography.

• Illuminated Polar Alignment Viewfinder

For quick, precise polar alignment.

• Power Supply

Powered by 8 D-size batteries. Can also be powered by optional car cigarette lighter or AC wall adapter.



LXD75 Series

Meade Instruments
27 Hubble
Irvine, CA 92618
tel 800.626.3233
www.meade.com

©2009 Meade Instruments Corporation. All rights reserved. Specifications subject to change without notice.



MEADE®