Precision drive screws guarantee superior positional accuracy
Adjustment screws are supported by high-load-rated bearings
The Zero Tilt Adapter™ ensures no tilt, tip, or marred interfaces
Miniature stepper motor is driven by micro-step controller
Custom linear bearings provide extreme torsional rigidity
Guaranteed consistent performance in any orientation
Fully enclosed mechanical and electrical components

Today's sophisticated imaging systems include color filter wheels, off-axis guiders, rotators, corrective optics, and CCD cameras. Together they present a formidable group of equipment that must be moved with micron accuracy and no image shift to achieve the finest results. The Atlas Digital Focuser is up to the task; an engineering pièce de résistance with unique solutions to achieving critical focus with heavy loads.

Zero Tilt Adapter (ZTA™)
The ZTA™ is an FLI adapter design that eliminates the common deficiencies found in most astronomical adapters. When you use the ZTA™ you will never experience tilted components, marred adapters, or wobbly interfaces!
The ZTA™ adapter system employs a circular spring that evenly distributes the pressure of three set screws against the ZTA™ dovetailed surface. The resulting clamping force between the two machined surfaces results in zero tilt, zero adapter marring and a complete elimination of problems associated with loose connections. The ZTA™ adapter can be machined to fit nearly any type of camera, color filter wheel or telescope.
ZTA™ - featured in the Atlas focuser and the CenterLine color filter wheel.

Atlas Specifications
Clear Aperture: 3.75" (9.5 cm)
Dimensions: 7"x7" (17.8 x 17.8 cm)
Height: 1.25" (3.2cm)
Weight: 3.0 lbs 1.4 kg)
Number of Steps: 105,000
Resolution: 85 nm/step
Maximum Payload: 25 lbs (11.3 kg)
Payload at 6" (15.2 cm): 10 lbs (4.5 kg)
Travel: .35" (8.9 mm)
ASCOM Compatible
Auto-Focus Capable
USB 2.0 Interface
12V DC power

Chosen by Telescope Manufacturers Around the World

Officina Stellare – Italy

Televue – United States

AG Optical – United States