

# Premium GoTo German Equatorial Mounts

## The iEQ45™

*Worth its weight in gold...*

The iEQ45™ is the first in a new breed of premium astro-imaging mounts from iOptron. The iEQ45™ offers the next generation GoTo technology from iOptron —not to mention built-in 32-bit GPS. With a payload of 45 lbs. balanced – it comes standard with a calibrated dark field illumination polar scope and sturdy 2-inch stainless steel tripod legs. It also fits both Vixen and Losmandy-type mounting plates. Its lighter weight (only 25 lbs.) makes it much easier to carry. Priced affordably – the iEQ45™ is definitely worth its weight in gold!

#8000

### FEATURES

- Specialized astrophotography mount ideal for entry-level and intermediate astrophotographers
- Payload: 45 lbs
- Mount weight: 25 lbs
- Portable, compact, and sturdy German equatorial mount with the highest Payload/Mount ratio (1.7) in the category
- ST-4 autoguiding port capable of reverse guiding with auto-protection
- Periodic error correction (PEC)
- Ultra-accurate tracking with temperature compensated crystal oscillator (TCXO)
- Gap-free structure for both RA and DEC worms
- Built-in 32-channel GPS
- #8406 controller with Advanced SmartStar® GOTO technology and heating mechanism
- Lowest working temperature: -20oC
- RS232 port with commands compatible with LX200
- RS485 new command set completely open for user-defined control of the mount
- Resolution: 0.09 arc second
- Fits with both Vixen and Losmandy-type mounting plates
- 2-inch heavy-duty stainless steel tripod legs
- Optional pier.
- Calibrated polar scope with dark-field illumination and easy polar alignment procedure, allowing for fast and accurate polar alignment
- Comes standard with: 2 x 5kg counterweight, AC adaptor, 12V DC car plug adaptor, USB cable, RS232 Cable and USB-to-RS232 Adaptor

