

CEM40, CEM40EC

Introducing the **CEM40 & CEM40EC** next-generation, center-balance equatorial mounts. The CNC body looks sharp however its beauty is more than skin deep. The head weighs in at only 15.8 lbs. yet can support a payload of up to 40 lbs. An integrated electronic polar scope (iPolar) ensures accurate alignment even when the pole star is obscured. Large levers on its quick-lock drive engagement system make it easy to snap its gears into place even when wearing gloves. There's little chance of your cables getting snagged with the CEM40's internal cable management system. The CEM40 incorporates our new, patent-pending Universal Self-Centering Saddle (USCS). The USCS accommodates Losmandy and Vixen style dovetail plates. Both The CEM40 and CEM40EC utilize our ultra-quiet low power consumption stepper motor drive systems. The CEM40s are precise trackers, the EC version delivers <math><0.25</math> arcsecond accuracy with its high-resolution encoder. Other features such as onboard GPS, 359,000+ object library with star identification make these portable and capable mounts sure winners.



Features

- Unique design, center-balanced equatorial mount (CEM)
- Ideal for both visual observation and astrophotography
- Large easy to use quick-lock gear clutches
- Integrated iPolar™ electronic polar finder
- Max payload of 40 lbs (18 kg) with the mount weight of only 15.8 lbs (7.2 kg)
- Precision stepper motor for precise GOTO and accurate tracking
- Go2Nova® 8407+ controller with advanced GOTO NOVA® GOTO technology with built in heater
- Permanent periodic error correction (PPEC) on the CEM40 or real time PEC (RPEC) for the CEM40EC
- Built-in 32-channel Global Positioning System (GPS)
- Integrated ST-4 auto guiding port
- Advanced cable management system with more choices
- New, patent-pending iOptron universal self centering saddle
- WiFi with optional external adapter
- CNC machined metal body
- Includes tripod, optional Tri-Pier available



Integrated iPolar™, electronic polar finder



Patent-pending self centering universal saddle



Advanced cable management system



Product #	Description	MAP
7400	CEM40 center balance equatorial mount, includes: mount head, CW shaft, 10lb counter weight, Go2Nova®8407 hand controller with chord. Multi box product, box 7420 (head), box 7421 (1.5" tripod)	\$1998.00
7401	CEM40 head only: no tripod, no iPolar, and no counter weight	\$1648.00
7400EC	CEM40EC center balance equatorial mount, includes: mount head with high resolution RA encoder for real time PEC (RPEC), CW shaft, 10lb counter weights, Go2Nova®8407 hand controller, with chord, hard case. Multi box product, box 7420-EC (head), box 7421 (1.5" tripod)	\$2998.00



Orders

Email: sales@ioptron.com
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all prices are in US dollars

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