OPTIQUE PERRET
Jumelles & Télescopes

Rue du Perron 17
1204 Genève
022 311 47 75

iOptron | GEM28 AccuAlign 1.5" Tripod

1 199,00 CHF

VAT included

Availability	**Available in Geneva**
Item ref. (SKU)	G281B1

Like its predecessors, the GEM28 is designed to be easy to carry, with a weight of only 4.5 kg, it can support a payload of 12.7 kg, resulting in an incredible weight/payload ratio of 2.8. German equatorial design Ideal for visual observation and astrophotography Spring gear system Advanced GOTO technology

DESCRIPTION

Presentation of the new generation of compact German equatorial mounts from iOptron, the GEM28

Like its predecessors, the GEM28 is designed to be easy to carry, with a weight of only 4.5 kg, it can support a payload of 12.7 kg, resulting in an incredible weight/payload ratio of 2.8. We achieved this result by using design methods developed to reduce the mass of the mount in our CEM mount range. The German EQ versions were created to satisfy consumers who prefer a more traditional mount and to operate at higher latitudes.

Building on the legacy of previous GEM models, we have added features for more convenience and functionality. A mechanical gear lock engagement system (easy to use even while wearing gloves), integrated Wi-Fi for unparalleled connectivity, and recordable permanent periodic error correction (PPEC) to repeat optimal PEC training sessions. In terms of functionality, the GEM28 offers precise pointing and accurate tracking. The GEM28 sets the new standard for compact German goto equatorial mounts.

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The GEM28 is equipped with the latest advanced GOTONOVA® GOTO technology, making it one of the most powerful and precise GOTO mounts available. The library of 212,000 objects ensures that you will never run out of targets to see or photograph. The Go2Nova® remote control is intuitive, and its large 4-line LCD screen simplifies the process of adjusting telescopes and locating objects.

The GEM28 mount comes with the AccuAlign optical polar finder for quick and easy polar alignment. It comes with a very sturdy Ø 38 mm (1.5") stainless steel tripod and an aluminum transport case.

Features

- Unique design, center-balanced equatorial mount (CEM) for maximum payload and minimal mount weight.
- Ideal for visual observation and astrophotography
- Low periodic error (< ± 10 arc seconds)
- Payload of 12 kg (26 lbs) with a mount weight of 4.5 kg (10 lbs)
- CNC machined and cast metal body
- Spring gear system
- Large, easy-to-use quick-lock clutches.
- Operation at 0º latitude with optional adapter
- Low power consumption stepper motor
- iOptron AccuAlignTM calibrated polar scope
- Polar alignment routine for those who cannot see the North Star
- Go2Nova® 8409 controller with advanced GOTONOVA® GOTO technology
- Integrated ST-4 autoguider port
- Integrated Wi-Fi
- USB port for firmware updates and computer control
- Stainless steel tripod 1.5" (5kg)
- Accessory tray

Shipping

- Shipping package no. 1: Head G282B-GEM28 with AccuAlign/Tray (G281B)
- Shipping package no. 2: 8281-CEM26/GEM28 1.5" Tripod w/o Tray (C26/G28 1.5T)

TECHNICAL SPECIFICATIONS

Mount model	**German GoTo equatorial mount**

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Mount control	**Go2Nova® 8409 with a database of ~212,000 objects**
Tripod	**Stainless steel Φ 38 mm (5kg)**
Total weight	**14.0 kg**