

MOUNTS

WAVE 100i AND WAVE 150i STRAINWAVE MOUNTS

HIGH TORQUE.
HIGH PRECISION.
HIGH PORTABILITY.

Bringing Balance to the Force

Strainwave mounts are particularly suitable for serious astronomers and astrophotographers who require precise control over their telescope's movements

Wave 100i

Weighing only 9.5 pounds and carrying a 22-pound payload, the Wave 100i is the perfect grab-and-go mount

Wave 150i

With cable management, large payload capacity, and a small footprint, the Wave 150i is the ultimate portable imaging mount

Optional Accesories

The Wave series features a total line of accessories to complete your astrnomical experience, including carbon fiber tripod, pier extension, and stainless steel counterweight kit



Sky-Watcher®
Be amazed.

MOUNTS

Sky-Watcher's Wave mounts feature strainwave gearing that provides a lot of power in a little package. The strainwave configuration offers several advantages over traditional mount designs including low to zero backlash and high torque for handling larger OTAs.

FEATURES

- Works in both EQ and AZ modes
- Built-in Wi-Fi and Bluetooth
- USB-B for PC control
- Red LED backlighting for latitude scale and bubble level
- Quiet, fast slewing up to 10°/second
- Small, powerful, and portable
- RA power-off braking function
- Internal homing sensors on both axes
- Optional carbon fiber tripod, pier extension, and counterweight kit available
- Optional heavy-duty steel tripods available
- Compatible with optional SynScan hand controller

For more information about Sky-Watcher's complete line of versatile mounts, specifications and pricing, just visit www.skywatcherusa.com.



Wave 150i Mount Head



Wave 100i Mount Head



Carbon Fiber Tripod with Pier Extension



Stainless Steel Counterweight Kit

Items shown not to scale

Model	Wave 100i Mount Head	Wave 150i Mount Head
SKU	S30900	S30905
UPC	810098970426	810098970433
Transmission Mode	Stepper motor + belt drive and harmonic reducer	
Total Transmission Ratio	300:1	
Latitude Range	Continuously adjustable from 0° to 90°	
Maximum Slew Rate	2400x (10°/sec)	
Payload Capacity Without Countweight	10kg (22 lbs)	15kg (33 lbs)
Payload Capacity With Countweight	15kg (33 lbs)	25kg (55 lbs)
Power Requirements	DC 12V	
Tracking Rates	Sidereal, solar, lunar	
Saddle Type	Dual Hybrid Vixen/Losmondy	Single Hybrid Vixen/Losmondy
Weight	4.3kg (9.5 lbs)	5.8kg (12.8 lbs)

Model	Carbon Fiber Tripod	Pier Extension	Counterweight Kit
SKU	S30910	S30912	S30914
UPC	810098970440	810098970457	810098970464
Description	High-strength carbon fiber tripod for Wave mounts • 747mm (29-inch) maximum extended length • 500mm (19.7-inch) minimum retracted length • 20kg (44-pound) payload	Extension tube for Wave carbon fiber tripod • 180mm (7-inch) length • 100mm (3.9-inch) radius	Stainless steel counterweight kit for Wave mount heads • Counterweight bar: 20mm (0.79-inch) diameter x 314mm (12.4-inch) length, 0.72kg (1.6 lb) weight • Extension bar: 20mm (0.79-inch) diameter x 164mm (6.5-inch) length, 0.35kg (0.78 lb) weight • Counterweight: 5kg (11 lbs)
Weight	2.4kg (5.3 lbs)	1.1kg (2.4 lbs)	See above