



ACUTER
OPTICS

Acuter | Voyager MAK90-FAST Traverse PRO GoTo

449,00 CHF

VAT included

Availability **Available in 8-15 days**

Item ref. (SKU) 10305

A high-end, versatile instrument for astronomy, sports shooting, nature observation, and photography — now paired with the Acuter Traverse Pro GoTo mount.

DESCRIPTION

Acuter is a world-renowned brand specializing in the design of innovative, high-quality products for amateur astronomy and educational use.

The new Acuter Voyager MAK90-Fast is a high-quality, high-performance Maksutov-Cassegrain telescope with a 90 mm aperture. Compact and easy to transport, it is ideal for observing and discovering the night sky. With its upright, non-inverted image, it also allows for daytime nature observation. The multi-coated optical system ensures maximum contrast and high sharpness. The included smartphone adapter allows you to easily photograph your observations with your phone.

The optics:

The term FAST refers to the patented friction focuser. Unlike the classic focus knob that requires many turns, this telescope is equipped with a friction focuser operated by two adjustment buttons that move the primary mirror to achieve optimal focus. It also features a practical focus scale indicating distances of 8 m, 17 m, and infinity. This focuser allows for quick and precise focusing without fumbling.

The telescope is compact and light enough to accompany you on your next travels.

The set includes the 90 mm Maksutov-Cassegrain optical tube with a focal length of 1170 mm, a 20 mm eyepiece providing a magnification of 58.5x with an apparent field of view of 70°, a 6x21 finder, a high-

quality 90° roof prism with phase correction, a smartphone adapter, and a carrying case. The telescope can be complemented with additional standard 1.25" eyepieces to achieve other magnifications.

The telescope mounts on any photo tripod thanks to the standard 1/4" thread and can also be used on any astronomical mount via the 45 mm Vixen dovetail.

The Maksutov telescope is named after Dmitri Maksutov (1896-1964), a Russian optician and astronomer who designed this type of telescope in 1941.

The mount:

The Acuter Traverse Pro GoTo mount is a compact, elegant, and high-performance GoTo altazimuth mount that is motorized and computerized, ideal for astronomy. Quiet and easily transportable, it is suitable for both beginners and experienced amateur astronomers.

With a load capacity of 5 kg — double that of the standard Traverse GoTo mount — the Acuter Traverse Pro can accommodate heavier telescopes. A stable stainless steel tripod with accessory tray and telescopic legs is included in the set.

Equipped with integrated Bluetooth and WiFi, this mount is designed to be used anywhere without requiring an existing WiFi network. It can be wirelessly controlled from your smartphone or tablet via the free Acuter Sky App for iOS and Android. The Acuter Traverse Pro mount, combined with the Acuter Sky App, constitutes a fully computerized GoTo mount capable of automatically pointing to over 11,000 celestial objects listed in the app's database. You simply enter your coordinates, follow a simple alignment procedure, and you are ready to explore your favorite objects in the universe thanks to the intuitive touchscreen interface.

TECHNICAL SPECIFICATIONS

Product type	Complete package
Type of telescope	Cassegrain
Type of construction	Maksutov-Cassegrain
Aperture diameter (mm)	90
Focal length (mm)	1170
F/D ratio	13
Focusing system	Focus by moving the primary mirror via friction focuser with focus scale

Connection (to eyepiece)	31.7 mm (1.25")
Diagonal	High-quality 90° roof prism with phase correction (31.7 mm)
Eyepieces	Wide angle 70° 20 mm (31.7 mm)
Magnifications	58.5x
Finder	6x21 finder with erect image
Mount type	GoTo altazimuth
Mount model	Traverse PRO GoTo
Mount control	Free Acuter Sky App for iOS and Android
Fine movements (precise)	Yes
Motorization	Yes
Tripod	Aluminum, height adjustable
Weight, dimensions of optical tube	1.9 kg, length 38 cm
Total weight	5.8 kg