

A close-up, low-angle shot of a black telescope against a grey background. The telescope's eyepiece is in the upper left, and its body extends towards the right. A semi-transparent orange rectangle is centered over the telescope, containing the title text.

# TELESCOPES

## BROCHURE



# STAR TRACKER 127/900 EQ Reflector



[www.xboom.in](http://www.xboom.in)

# Specifications-

- Optical Design
- Diameter
- Focal Length
- Focal Ratio
- Highest Practical Power
- Faintest Steller Magnitude
- Resolving Power
- Focuser diameter
- Eyepiece 1.25"OD
- Magnification with eyepiece
- 2x Barlow lens
- 1.5x erecting lens
- Finder
- Filter
- Mount type
- Slow-motion Control
- Accessories Tray
- Tube Weight
- Tube dimension
- Shipping Weight
- Shipping Carton Dimension

Newtonian Reflector

127mm

900mm

F/ 7

300x

13

0.9 Arc - Seconds.

RACK-AND-PINION Focuser 1.25".

1) K-25mm efl, 2) K-10mm efl, 3) SR 4mm

36x, 90x and 225x

K-25mm: 40X,K-10mm: 100X,SR-4mm: 450X

54x, 150x and 337.5x

6x24

Moon Filter 1.25"

EQUATORIAL EQ

RA & DEC

No-Tool Tray with Eyepiece holder

3 kg

15cm Dia, x 87cm length

Within 15 Kg

95 x 38 x 25.5 cm<sup>3</sup>

# STAR TRACKER 130/650 EQ Reflector



[www.xboom.in](http://www.xboom.in)

# Specifications-

- Optical Design
- Diameter
- Focal Length
- Focal Ratio
- Highest Practical Power
- Faintest Steller Magnitude
- Resolving Power
- Focuser diameter
- PLOSSL Eyepiece 1.25"OD
- Magnification with eyepiece
- Magnification with 2x Barlow lens

- Finder
- Filter
- Mount type
- Slow-motion Control
- Accessories Tray
- Tube Weight
- Tube dimension
- Shipping Weight

Newtonian Reflector

130mm

650mm

F/ 5

300x

13

0.9 Arc - Seconds.

RACK-AND-PINION Focuser 1.25".

PLOSSL 25mm, PLOSSL 6.3

26x and 103x

1)2x Barlow with PLOSSL-25mm= 52x

2)2x Barlow with PLOSSL-10mm =206x

6x30 'Quality' Achromatic Finder

Moon Filter 1.25"

EQUATORIAL EQ3-1

RA & DEC

Tray with Eyepiece holder

2.6 kg approx.

16.5cm Dia, x 61.5cm length approx.

Within 13 Kg approx.

# EXPLORE SCIENTIFIC 80/640 AZ Refractor with Twilight Nano Mount



[www.xboom.in](http://www.xboom.in)

# Specifications-

<ul style="list-style-type: none"><li>• Comes With</li><li>• Highest Useful Magnification</li><li>• Focal Length</li><li>• Focal Ratio</li><li>• Adapter</li><li>• Optical Diameter</li><li>• Eyepiece 1.25"OD</li><li>• Magnification with eyepiece</li><li>• Mount Type</li><li>• 2x Barlow lens</li><li>• Finder</li><li>• Accessories Tray</li></ul>	<ul style="list-style-type: none"><li>• 25mm Plossl Eyepiece 1.25"</li><li>• Red Dot Viewfinder</li><li>• Computer Software</li></ul> <p>125x</p> <p>640mm focal length</p> <p>f/8</p> <p>40mm draw tube focuser; 1.25" 90° Diagonal</p> <p>80mm</p> <p>25 mm Plössl</p> <p>25.6x</p> <p>Twilight Nano</p> <p>Buy Separately</p> <p>Red Dot View Finder</p> <p>Included</p>
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# EXPLORE SCIENTIFIC 150/750 EQ-3 Reflector



[www.xboom.in](http://www.xboom.in)



# Specifications-

<ul style="list-style-type: none"><li>• Comes With</li><li>• Highest Useful Magnification</li><li>• Focal Length</li><li>• Focal Ratio</li><li>• Focusing Adapter</li><li>• Parabolic Primary Mirror</li><li>• Eyepiece 1.25"OD</li><li>• Magnification with eyepiece</li><li>• Mount Type</li><li>• 2x Barlow lens</li><li>• Finder</li><li>• Accessories Tray</li><li>• Tube Weight</li></ul>	<p>One 25 mm Plössl Eyepiece One 10 mm Plössl Eyepiece Finderscope Telescope Handle Bar MOBILE CELLPHONE ADAPTER 250x 750mm focal length f/5 2" draw tube focuser 150 mm 25 mm Plössl + 10 mm Plössl 30x with 25mm &amp; 75x with 10mm EXOS EQ3 German Equatorial mount Buy Separately - Highly Recommended 6x42 Finderscope Included 4.5 kg approx.</p>
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# GSO 150/900 with AZ Pier Stand



[www.xboom.in](http://www.xboom.in)

# Specifications-

- Optical Design
- Diameter
- Focal Length
- Mirror Cell
- Focal Ratio
- Highest Practical Power
- Faintest Steller Magnitude
- Resolving Power
- Accepts Eyepiece Barrel Ø
- Focuser
- Eyepiece 1.25" or 2" OD
- Finder
- Mount type
- STAND
- Optical Tube Weight
- Tube dimension
- Shipping Weight

## Newtonian Reflector

150 mm Primary Mirror 93% reflectivity  
dielectrically coated, BaK7 Glass.

900mm

Stability treated die-cast aluminium.

F/ 6

300x (lowest useful Magnification 21x)

13.6

0.77 Arc - Seconds.

50.8mm (2") and 31.7mm(1.25").

Crayford focuser

GSO PLOSSL 32mm 1.25"

GSO PLOSSL 15mm 1.25"

6x30 Achromatic straight through viewfinder with  
reticle

Altazimuth mount - metal

PIER STAND - metal: weight 4.250 Kg

6.2 Kg

18cm Dia, x 86cm length

OTA: Net wt. 6.2kg / Gross Wt 8Kg

# BRESSER MESSIER AR 90 / 500 NANO AZ Refractor



[www.xboom.in](http://www.xboom.in)

# Specifications-

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| <ul style="list-style-type: none"><li>• Field of application</li><li>• Focus Group</li><li>• Product Family</li><li>• Optical design</li><li>• Magnification from</li><li>• Maximum recommended magnification</li><li>• Mirror/Lens diam.</li><li>• Focal length</li><li>• Aperture ratio</li><li>• Angular resolution</li><li>• Type of coating</li><li>• Finderscope</li></ul> | <ul style="list-style-type: none"><li>• Deep Sky Observation</li><li>• Lunar observation</li><li>• Lunar photography</li><li>• Planetary observation</li></ul> <p>Beginners</p> <p>Visual enthusiasts</p> <p>Refractor telescope</p> <p>Achromatic Refractor</p> <p>20</p> <p>180</p> <p>90 mm</p> <p>500 mm</p> <p>5.5</p> <p>1.53 arc seconds</p> <p>Multi coated</p> <p>6 x 30 mm</p> |
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# William Optics RedCat 51 APO f/4.9 Refracting



[www.xboom.in](http://www.xboom.in)

# Specifications-

• Model Number	L-RC51Ix
• Telescope Series	William Optics Cat
• Focal Ratio	f/4.9
• Optical Design	Refractor
• Telescope Aperture	51mm (2")
• Telescope Mount Type	No Mount - OTA Only
• Type of Electronics	OTA Only - No Electronics
• Number of Refractor Elements	4 (Quad)
• Focal Length (mm)	250 mm
• Image Circle	44mm
• Focuser Style	Helical
• Refractor OTA Length - Extended (in.)	12" (305 mm)
• Refractor OTA Length - Retracted (in.)	8.86" (225 mm)
• Telescope OTA Weight (lb.)	3.24 lb. (1.47 kg)

# MEADE Polaris 130/650 EQ-3 Reflector



[www.xboom.in](http://www.xboom.in)

# Specifications-

<ul style="list-style-type: none"><li>• Series</li><li>• Experience Level</li><li>• Activity</li><li>• Type</li><li>• Clear Aperture</li><li>• Optical Design</li><li>• Focal Length</li><li>• Focal Ratio</li><li>• Viewfinder</li><li>• Eyepiece(s)</li><li>• Barlow</li><li>• Focuser Mechanism</li><li>• Tripod</li><li>• Assembled Product Dimensions</li><li>• Assembled Product Weight</li></ul>	<p>Series Polaris Telescopes</p> <p>Intermediate</p> <p>Camping, Observing, Travel</p> <p>Reflector</p> <p>130mm (5.1")</p> <p>Newtonian Reflector</p> <p>650mm</p> <p>5.0</p> <p>Red Dot</p> <p>Three (3) 1.25" MA (26mm &amp; 9mm) + 4mm 62° Eyepiece</p> <p>2x Achromatic Barlow</p> <p>Rack and Pinion</p> <p>Pre-Assembled Full-Height Stainless-Steel Tube Legs</p> <p>870mm x 870mm x1555mm</p> <p>12kg</p>
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# Ioptron SmartStar® Cube-II-E MC90 GoTo AZ Mounting System



[www.xboom.in](http://www.xboom.in)



# Specifications-

<ul style="list-style-type: none"><li>• Mount</li><li>• Body Material</li><li>• Payload</li><li>• Motor</li><li>• Gear</li><li>• Bearing</li><li>• GOTO System</li><li>• Hand Controller</li><li>• Processor</li><li>• Object in Database</li><li>• Speed</li><li>• GOTO accuracy</li><li>• Tracking</li><li>• Battery</li><li>• Power Requirement</li><li>• Operating Temperature</li><li>• Mount Weight</li><li>• Tripod</li><li>• Warranty</li></ul>	<p>AltAzimuth Mount</p> <p>Die-cast Aluminium</p> <p>7 lbs</p> <p>Dual-Axis DC Servo motor with encoders</p> <p>Acetal worm wheel/Nylon 6 worm gear</p> <p>4 steel ball bearings</p> <p>GOTONOVA® automatic goto and tracking</p> <p>GoToNova 8405</p> <p>32bit ARM</p> <p>14,000+</p> <p>Dual-Axis, 5-Gear, Electronic (2×,8×,64×,256×,MAX)</p> <p>1 Arc Min. (Typical)</p> <p>Automatic</p> <p>AA x 8 (Not Included)</p> <p>DC 12V±2V, &gt;1.2A</p> <p>0 ~ 40°C</p> <p>3.1 lbs</p> <p>1.25" stainless steel (6 lbs)</p> <p>Two year limited</p>
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# BRESSER Photo Mount with Field Tripod and Wedge



[www.xboom.in](http://www.xboom.in)

# Specifications-

- Equatorial Photo-Mount
- Adjustable stainless steel field tripod with polar wedge and bubble level
- Automatic side arial tracking against the Earth rotation
- Handbox to control the tracking motors (2x/32x)
- Suitable for northern and southern hemisphere
- Optical pole finder scope with illumination unit included
- Ballhead with quick release saddle plate and 1/4" Photo thread for Camera mounting
- Photo-Mount with 3/8" threaded bolt for ballhead mounting
- Photo-Mount with 1/4" und 3/8" inner threads for tripod mounting
- High precision stepper motor with helical gear for accurate tracking
- Large screws and handles for easy usage at night
- Battery operation or stabilized power adapter (optional acc.)
- Battery life: up to 50 hours
- Power connector at handbox: 6 volts DC jack 5.5/2.5mm (positive pole at center pin)
- Weight Photo-Mont with ballhead: 1.0 kg
- Weight tripod with polar wedge: 3.5 kg
- Load capacity of Photo-Mount: up to 2.5 kg
- Height of camera saddle plate max. 140 cm

# STARTRACKER 60/700 AZ-2 Refractor



[www.xboom.in](http://www.xboom.in)

# Specifications-

<ul style="list-style-type: none"><li>• Optical Design</li><li>• Diameter</li><li>• Focal Length</li><li>• Focal Ratio</li><li>• Highest Practical Power</li><li>• Faintest Steller Magnitude</li><li>• Resolving Power</li><li>• Focuser diameter</li><li>• Eyepiece Standard 0.965"</li><li>• Magnification with eyepiece</li><li>• 3X Barlow lens</li><li>• 1.5X Terrestrial Erecting Eyepiece</li><li>• Finder</li><li>• Diagonal</li><li>• Mount type</li><li>• Slow-motion Control</li><li>• Accessories Tray</li></ul>	<p>Refractor Telescope-Optical Design: Fraunhofer refractor telescope (two-lens achromatic refractor 60mm 700mm F/ 11.6 120x 11.3 1.92 Arc - Seconds. RACK-AND-PINION Focuser .9 ". 1) H20mm efl, 2) H12.5mm efl 3) SR4mm 28x, 56x and 175x 84x, 168x and 525x 42x, 84x and 262.5x 5x24 90 Degree Zenith mirror Altazimuth Mount Vertical No-Tool Tray with Eyepiece holder</p>
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