



Levenhuk New Skyline BASE MAK Telescopes

For home, travel, and smartphone photography

The Levenhuk New Skyline BASE MAK series features compact and user-friendly telescopes that allow amateur astronomers to observe lunar craters, mountain ranges, maria, rilles, and bright stars on their very first night—right out of the box!

Each telescope comes with an optical tube, a mount, a tripod, eyepieces, a finderscope, a smartphone adapter, and two bags for transport and storage. You won't need to buy any extra accessories to attend a star party or enjoy stargazing at your country house.

Try your hand at photography

The included adapter allows you to easily attach your smartphone to the eyepiece, making it quick and easy to take photos and record videos directly through your phone's camera.

Key features of the series

- **Ready for observation and photography without complex setup**

The Maksutov-Cassegrain optical design requires no special skills: simply assemble the telescope according to the user manual, and you are ready to observe. Want to take a photo? Just attach your smartphone using the included adapter.

- **Fits anywhere**

Thanks to the optical tube design, the telescope takes up minimal space and easily fits even on a balcony. It is highly portable for travel, and comes with bags for convenient storage and transportation.

- **Bright and crisp details**

The mirrors and lenses are made of optical glass with a special broadband coating, ensuring a bright and high-contrast image. The long focal length allows you to examine fine details of the lunar surface, such as craters, mountain ranges, and fault lines.

- **Simple and intuitive controls**

The alt-azimuth mount with a convenient pan handle allows for smooth telescope pointing – much like a camcorder on a tripod. Slow-motion controls are provided for precise adjustments, while the locking lever securely holds the chosen position.



What you can see with each telescope

MAK 70/1000 AZ-M

Detailed views of the Moon

Overview of the Solar System planets

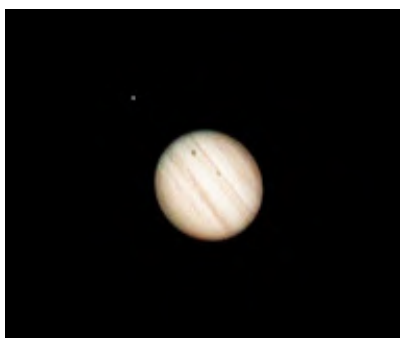
Introduction to deep-sky objects planets

Smartphone photography



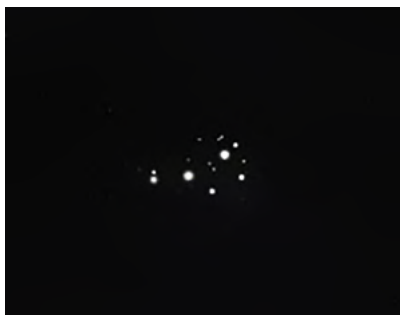
This telescope provides a large image and performs well at high magnifications, making it perfect for **detailed lunar observation**. You will be able to see numerous craters, mountain ranges, maria, fault lines, and the striking terminator line (the boundary between light and dark).

When observing **Solar System objects**, you will see Jupiter and its largest moons, Saturn and Mars as small disks, and the phases of Venus.



Deep-sky objects available for observation include double stars and bright star clusters, such as the Pleiades.

The **smartphone adapter** is compatible with all phone models — simply attach it to the eyepiece and take pictures at any time.



MAK 80/850 AZ-M

Detailed views of the Moon

Overview of the Solar System planets

Bright star clusters

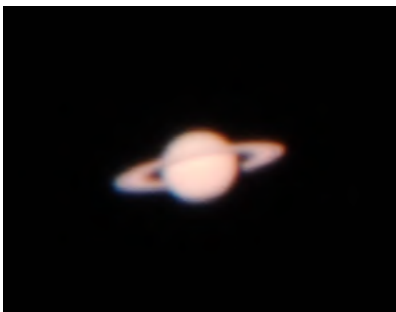
Terrestrial observations

Smartphone photography



Thanks to its larger aperture, this model reveals more details and delivers a brighter image. The **Moon** looks particularly impressive, with fine surface features becoming visible with high clarity and contrast.

Planets appear more pronounced: cloud bands and the shadows of Jupiter's moons are visible on the planet's disk, Saturn's rings are clearly seen, and under good conditions, the Cassini Division can be spotted. You can observe the polar ice cap on Mars, while Venus displays beautiful phases.



Deep-sky objects also become more accessible: double stars, bright star clusters, as well as certain nebulae and galaxies, such as the Andromeda Galaxy and the Orion Nebula, are visible.

The erect-image prism and erect-image finderscope allow for **terrestrial observations**, turning the telescope into a powerful spotting scope. The image in both the eyepiece and the finderscope will be upright and correctly oriented — just as it is in reality.



With this model, you can take stunning photos of both natural landscapes and celestial objects. The **smartphone adapter** is easy to mount on the telescope's eyepiece and is compatible with any phone.





Specifications

	Levenhuk New Skyline BASE MAK 70/1000 AZ-M	Levenhuk New Skyline BASE MAK 80/850 AZ-M
SKU	86252	86253
What you can see	numerous lunar details: craters, mountain ranges, maria and fault lines, the terminator line	detailed views of the Moon, Jupiter's moons, Saturn's rings, phases of Venus, bright star clusters + terrestrial observations
Smartphone photography	smartphone adapter included	
Optical design	Maksutov-Cassegrain	
Optics	optical glass, spherical mirror	
Optics coating	aluminum, broadband anti-reflection coating	
Mount	alt-azimuth	
Tripod	aluminum, height-adjustable	
Aperture	70 mm	80 mm
Focal length	1000 mm	850 mm
Maximum practical magnification	140x	160x
Focal ratio	f/14,3	f/10,6
Eyepieces	PHOTO 10 mm (100x) PHOTO 20 mm (50x)	PHOTO 10 mm (85x) PHOTO 20 mm (43x)
Diagonal/prism	90° diagonal mirror	90° erect-image prism
Finderscope	5x24, optical	6x21, optical erect-image
Barrel diameter	1,25"	
Bags for tube and tripod	+	
Gross weight	5.8 kg	5.2 kg