

February 7th, 2024

Orient Star M45 F7 Mechanical Moon Phase Model with Grey Gradation Dial

Orient Star has launched a new M45 F7 Mechanical Moon Phase model from its Classic Collection M45. The new cutting-edge dial, inspired by the mystical M45 Pleiades star cluster that lights up the night sky, features a new grey gradation effect representing an occultation, or overlapping, of Pleiades and the moon.


ORIENT STAR



Orient Star launched the Classic Collection M45 in 2023, inspired by the Pleiades star cluster that mysteriously lights up the night sky. The Mechanical Moon Phase model with blue gradation dial, released in October of the same year, caused a sensation for its truly cutting-edge design. The latest M45 F7 Mechanical Moon Phase model takes this innovative design further by expressing the Pleiades and the moon shining in the night sky.

Like the blue dial of earlier models, the new grey gradation dial is created using the same complex manufacturing processes and advanced technologies. The surface of the dial is first stamped with patterns representing the infinite stars of the M45 Pleiades, which refers to the open star cluster of Taurus. The delicate patterns change expression depending on the angle of the light and create a scene of twinkling stars on the dial. Next, uniquely formulated paint is applied using a gradation machine to delicately adjust the colour density and width. This technique creates monotonous tones that change from grey at the centre of the dial to black towards the outer edge. The painted surface is then coated with wrapping that is thicker and more transparent than normal clear coating, giving the grey gradation dial the depth of the eternally expanding universe.

The power reserve indicator at 12 o'clock and the moon phase, date hand and date display at 6 o'clock, are designed in a dual-plate structure. The black Roman numeral indices, which match the colour of the dial's outer rim, are printed in multiple layers to form exquisite contour and shading, distinguishing them from the background. The grey plated hour and minute hands blend in with the grey gradation of the night sky, while the mirror and hairline finishes add legibility. The silver-coloured accents by the index and power reserve are reminiscent of the stars shining particularly bright in the M45 Pleiades. The case is made of high-quality stainless steel (SUS316L) and set off with deep black plating to express the night sky. Each of the 120 limited edition pieces in this rare design are engraved with a serial number.

The moon and star clusters give the M45 F7 Mechanical Moon Phase a touch of mystique, while the monotonous grey gradation conveys the abyss of the night sky, inviting watch lovers to experience the concept of time on a cosmic level.



RE-AY0124N



Caseback with engraving.



■ Grey gradation dial expressing the M45 Pleiades in the night sky.

About the new M Collections (design collection)

Orient Star has launched M Collections, a new design collection that will join the current lineup of Classic, Contemporary and Sports. M Collections draws on Greek mythology as well as nebulae and star clusters. This latest collection is created not only for watch enthusiasts but also for those seeking watches of a higher quality.

The Classic Collection M45 named after the Pleiades is composed with designs expressing the eternal flow of time and consists of universal iconic Orient Star models. The Contemporary Collection M34, inspired by the cluster of stars of Perseus, known for its annual Perseid meteor shower, is a collection with sharp, powerful, cutting-edge designs that are ahead of their time and consists of models that can be worn for a wide range of occasions. Meanwhile, high

performance divers' watches backed by advanced technology and history take centre stage in the Sports Collection M42, named after Orion, who is said to be the son of Poseidon, ancient Greek god of the sea. This collection is characterised by functionality and wearing comfort, making it suited for active lifestyles.

About Orient Star

Capture your gaze. Reflecting the wonderous beauty of shining stars. Orient Star are superb timepieces, crafted by Japanese artisans since 1951. Orient Star continues to shine and innovate its technology as well as the design of its beautiful timepieces. Traditional skills to achieve intricate craftsmanship, in-house production system to create high-quality mechanical movements, and original designs, are all incorporated for these unique, made-in-Japan watches. Orient Star will continue to deliver these creations in Japan and throughout the world.

A Short History

- 1951 Orient Star is created.
- 1957 Orient Star Dynamic* is launched with hour, minute, and second hands on the central axis of the watch.
- 1971 The 46 series movement is created, combining both practicality and high accuracy. This formed the base movement of the Orient Star and Orient brand for 50 years.
- 1991 Mon Bijou* is launched, a skeleton model of high-quality and aesthetic appeal.
- 1996 The power reserve indicator, now an iconic feature of the brand, is integrated into the design.
- 2017 Orient Watch Co. Ltd. merges with [Seiko Epson Corporation](#), a company with a strong watchmaking heritage and focus on precision engineering. Both organisations share a vision for innovation and high-quality design and craftsmanship creating a strong foundation for the future growth of Orient Star.
- 2017 The Mechanical Moon Phase, a cosmic timekeeper is launched as a symbol of this new collaboration. This marks a new era of watchmaking for Orient Star brand.
- 2021 Orient Star celebrates its 70th anniversary. The Skeleton models are mounted with the latest movement with in-house developed silicon escape wheel for longer power reserve and beauty, incorporating design inspired by the vast universe.

*Currently not for sale.

Discover more at our [website](#) and [social media channels](#).

— Product Specifications —

Collection	Classic (M45)
Series name	M45 F7 Mechanical Moon Phase
Reference	RE-AY0124N
Movement	Automatic (with hand winding) mechanical in-house calibre F7M65
Power reserve	50 hours
Accuracy	+ 15 seconds ~ - 5 seconds per day
Case material (colour)	Stainless steel (SUS316L, black plated)
Case size	Height 49.0 mm / width 41.0 mm / thickness 13.8 mm
Caseback	Limited edition and serial number engraving
Glass	Front: Dual curve sapphire crystal (SAR (super anti-reflective) coating), back: sapphire crystal
Strap	Cordovan leather (black) / trifold deployant buckle with push button / width 20 mm
Colour of dial	Grey gradation
Limited edition	120 limited editions
Other features	Moon phase function (moon phase adjusting device attached), water resistance to 5 bar (50 m), power reserve indicator, second hand hacking, 22 jewels, see-through exhibition caseback, date

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