



ARNOLD & SON
1764

**LUNA MAGNA RED GOLD
METEORITE**

SPACE AND CONTRASTS



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Midway between Mars and Neptune, between warm and cool, the colour scheme of the *Luna Magna Red Gold Meteorite* evokes the sky, fire and the stars. Its three-dimensional moon-phase complication gives it an astronomical feel, the 44 mm red gold case a terrestrial side, and the blue PVD-treated meteorite dial a stellar dimension. The largest of all moons receives a rare and precious new interpretation in dynamic hues.

With contrasts between its shades, materials and perceptions, the *Luna Magna Red Gold Meteorite* is brought to life by the oppositions, symbols and energies of its fundamental components.

The subdial displaying the hours and minutes has a milky, almost lunar sheen thanks to its surface in opal, a semiprecious stone prized for its white colour, whose delicacy perfectly complements the unique complication of the *Luna Magna Red Gold Meteorite*. The spacious dial, freed up by the structure of this display, is made from a large disc of ferrous meteorite coloured blue using the PVD process. The warm glow of the red gold, which contrasts with the midnight-blue dial, completes the precious and understated look of this limited edition of 38 pieces.



Endless details

The meteorite's criss-crossing, jagged geometric structures, which are known as Widmanstätten patterns, reflect the light across a vast surface reminiscent of the Sea of Tranquillity. In no way concealing their depth, the deep matt blue PVD treatment instead subtly reveals them to those who know to look for them. The moon, a sphere formed half from Cacholong opal and half from blue PVD meteorite, reflects the nature of the celestial body.

The way these textures catch the light, its rotation controlled by an exclusive complication, makes this an ever-shifting timepiece. All the more so as the opal half of the moon and the subdial are coated with Super-LumiNova, only revealing their blue-green glow – invisible by day – once night falls.

An endless mechanism

Luna Magna Red Gold Meteorite is driven by the A&S1021 calibre, which has been fully developed, machined, assembled and adjusted in the Arnold & Son Manufacture. This hand-wound calibre, which has been designed with the lunar globe in mind, features a 90-hour power reserve and a regulating organ oscillating at a frequency of 3 Hz. The movement also includes a secondary display detailing the age of the moon on the case-back side. Its clearly readable markings are designed for high-precision lunar adjustments.

The sophisticated celestial mechanics are also based on precise astronomical reality. The duration of a complete lunar cycle is 29 days, 12 hours, 44 minutes and 2.8 seconds and Arnold & Son has managed to replicate it in such a way that it will take 122 years for the movement's display to deviate from the correct celestial reading by one day. The correction required at this time will be easy to make, as the *Luna Magna Red Gold Meteorite's* moon-phase function is directly accessible from the crown. This practical feature has been made possible by Arnold & Son's total command of the watchmaking process.



LUNA MAGNA RED GOLD METEORITE

TECHNICAL SPECIFICATIONS

Functions

hours, minutes, astronomical moon-phase, moon-phase indicator on the back

Movement

Calibre

A&S1021, mechanical with manual winding

Jewels

35

Diameter

37.60 mm

Thickness

12.00 mm with three-dimensional moon (4.75 mm without moon)

Power reserve

90 hours

Frequency

3 Hz / 21,600 vph

Finishes

mainplate: circular-grained

bridges: Côtes de Genève stripes radiating from the centre, chamfered

wheels: circular satin-finished

screws: blued and chamfered, polished heads

moon-phase indicator: circular satin-finished

Dial

meteorite, with blue PVD treatment

Hours dial

white opal with Super-LumiNova

Moon

12.00 mm in diameter, meteorite with blue PVD treatment and Cacholong opal with Super-LumiNova

Case

Material

18-carat red gold (5N)

Diameter

44.00 mm

Thickness

15.90 mm (with crystal)

Crystal

box sapphire with an anti-reflective treatment on both sides

Case back

box sapphire crystal with an anti-reflective treatment

Water resistance

3 bar (30 metres/100 feet)

Strap

Material

ink blue alligator leather, electric blue alligator leather lining, hand-stitched

Clasp

folding, 18-carat red gold (5N) cover and stirrup, titanium blades

Reference

1LMAR.Z01A.C211R

Limited edition

38 timepieces

Swiss retail price

CHF 59,000 incl. tax (subject to change)

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