

NAVITIMER TRIPLE FEATURE

WatchTime

AMERICA'S #1 WATCH MAGAZINE

TESTS

*Jaeger-LeCoultre
Geophysic 1958
Nomos Lux*

SPECIAL SECTION

THE NEW WATCH CROP

36 pages with 75
watches from
Baselworld

LUMINOX:
25 YEARS OF
TRITIUM TUBES



f t p g+ in
www.watchtime.com

August 2015

\$8.95



Display until September 15, 2015

BREITLING

WE TEST THE NAVITIMER 01 46 MM



FEATURES

- 110 **NIGHT WATCH MAN**
By Jay Deshpande | Twenty-five years ago, Luminor co-founder Barry Cohen brought tritium-based, super-bright night illumination to the U.S. watch market.
- 122 **REBEL BRAND**
By Norma Buchanan | The new brand Manufacture Royale draws its inspiration from one of history's most famous mavericks: Voltaire. Yes, that Voltaire.

BASELWORLD REPORT

- 50 **BASELWORLD 2015**
News and new products from the world's biggest watch show
- 66 **BRIDGING THE GAPS**
By Norma Buchanan | Girard-Perregaux's new CEO, Antonio Calce, on how he plans to correct the brand's shortcomings
- 76 **COMPLICATIONS EGGSPEETS**
By Norma Buchanan | High-horology companies Agenhor and APRP have come up with new complicated movements for Fabergé, of Imperial Egg fame.
- 82 **LOST ANGELUS RETURNS**
By Norma Buchanan | The 124-year-old Angelus brand, dead since the quartz crisis, has a new lease on life.

Lost Angelus Returns

The 124-year-old Angelus brand, dead since the quartz crisis, has a new lease on life.

Angelus is back. Just months ago, the once-well-known brand was a mere memory: a faded name painted on the side of a former factory building in the watchmaking town of Le Locle. At Baselworld, though, the brand's new owner, the movement company La Joux-Perret, unveiled Angelus in its new incarnation, as a maker of high-end, avant-garde (maybe even downright weird) watches.

La Joux-Perret, owned by the Japanese company Citizen Holdings Co., Ltd., bought the Angelus name in 2011. The brand, founded in Le Locle in 1891, went out of business in the late 1970s due to the quartz crisis. Angelus is now located in La

Chaux-de-Fonds, along with La Joux-Perret and Arnold & Son, also owned by La Joux-Perret.

The first new Angelus watch is called the U10 Tourbillon Lumière. It has what the brand describes as a "radically deconstructed movement": its tourbillon is separate from the rest of the movement and contained in its own section of the case. It is the work of the chief of movement development, Sébastien Chaulmontet, who is also the head movement designer for La Joux-Perret and Arnold & Son.

The watch was designed to showcase the tourbillon, which measures a very large 16.25 mm in diameter and has no upper bridge so that the mechanism can be

seen in its entirety. The case, which measures 63 by 38 by 15 mm and is made of annealed steel, is fitted with seven sapphire crystals, one of which wraps around the tourbillon at a 90-degree angle. The crystals allow light to enter from five different sides. This is the reason for the "lumière," or "light," of the watch's name.

The watch has a deadbeat seconds complication: its seconds hand jumps forward in 1-second increments rather than in the 1/6- or 1/8-second increments of a standard mechanical watch. The movement, the A100, has two barrels, which provide a power reserve of 90 hours. According to Angelus, they have been sized according to a particular ratio so that they supply a steady amount of energy through the entire running time.

For all its strident modernity, the watch incorporates several allusions to Angelus's past and to watch history in general, the company says. Its long power reserve is in the tradition of Angelus's old eight-day watch and clock movements (Panerai used Angelus eight-day movements during World War II). The A100's balance has a frequency of 18,000 vph, as did pocketwatch movements of yore. The watch's time display was inspired by the quartz watches of the 1970s. So, too, was the deadbeat seconds hand: quartz-watch seconds hands also move in 1-second jumps. "Angelus has deliberately sought to evoke the era of quartz watches, which also have stepped seconds," the company said in a statement.

The U10 is being manufactured in a limited edition of 25 pieces at \$110,000. It is the first model of what will be known as the Urban collection.

—N.B.

The U10's tourbillon is displayed in its own "showcase."

