



The UTS Professional Diver 1000, water-resistant to 1,000 meters



Despite its angular, masculine lines and heavy weight, the UTS fits comfortably around the wrist.

WHAT WE TESTED

1. Legibility: the time, the preset dive time, and whether we could observe, at 25 cm away under all lighting conditions, if the watch was running
2. Proper functioning of the operating elements
3. Proper functioning of the mechanism to preset the dive time: if it protects against unintentional repositioning, if it is calibrated in minutes, and if the calibrations are clearly distinguishable from the markings of the five-minute increments
4. Level of comfort and security on the wrist
5. Rate behavior
6. How the hermetic seal performs under extreme air pressure, by subjecting watches with an interior pressure of 1 ATM to an exterior pressure of 2 ATM
7. Reliability of functions under extreme water pressure, by immersing each watch in water for 20 minutes, and subjecting it to the amount of pressure the manufacturer claims it can withstand
8. Level of water-resistance under extreme water pressure, by exposing the watch for one hour to pressure equivalent to 1.25 times the amount the manufacturer claims it can withstand, following that up with pressure of 0.3 ATM for one hour. Condensation tests before and after determine the accuracy of the watch's water-resistance claims
9. Resistance to corrosion by saltwater, by immersing the watch in a three-percent air-saturated solution of sodium chloride at a temperature of 23.5° C (73.4°F) for 24 hours

UTS MUNICH PROFESSIONAL DIVER

Among the distinguishing characteristics of the UTS Munich brand is the case, which is made by mechanically chipping away all extraneous material. Other hallmarks include the typical screwed adapters for the bracelet and the six uncommonly large screws that hold the 3-mm-thick back firmly in place. The back, like the screwed crown, is doubly insulated. The crown, which is the only polished element, is large and easy to operate. The internal mechanisms are protected by a 3-mm-thick pane of sapphire crystal that's nonreflective on its lower surface. All the elements combine to make this watch water-resistant to an impressive 1,000 meters. Weighing a whopping 245 grams, this behemoth easily withstood high levels of air pressure and water pressure. In the latter ordeal, we subjected it to 125 ATM of water pressure for a full hour. The movement also performed well.

This angular timepiece — which, like all UTS watches, was designed by engineers — fits very well on the wrist thanks to long, downwardly curved lugs and an appealing metal bracelet.



The milling on the rotating bezel guarantees good operability.

Twelve milled indentations make the bezel easy to grip and adjust, both with and without gloves. The bezel rotates counterclockwise and clicks into 60 positions. When the lights go out, the bezel's luminous dot, which is used to set the all-important dive time, glows just as brightly as the hands and indices. All luminous elements glow an intense green. The seconds hand is coated from tip to toe with luminous material, making for maximum visibility when a diver checks to see if his watch is still running. Under daylight conditions, the white hands contrast attractively and clearly with the blue dial. ■



This abbreviated version of Deep Diver watch test originally appeared in the October 2007 edition of Watchtime and is copyright. Since the time of this article the UTS 1000M has been further improved to the Diver 1000MV2. The dial is now larger, the bezel redesigned and luminova is even brighter with new bright Blue Super-Luminova applied in three layers. The completely in-house made watch case is fabricated in Munich Germany by UTS Munchen. An optional sapphire display back is offered as well as a GMT model using an ETA 2893-2. The same basic design remains in this superb hand-made Divers watch tested beyond it's printed 1000M Specifications.