

## Casio to Release First G-SHOCK FROGMAN with Water Depth Sensor

*Pro-Grade Diver's Watch Designed for the Toughest of Underwater Missions with  
Atmospheric Pressure, Temperature, and Magnetic Sensors*



GWF-D1000-1

BASEL, March 16, 2016 — Casio Computer Co., Ltd. announced today the release of the new FROGMAN GWF-D1000 diver's watch, a new addition to its G-SHOCK line of shock-resistant watches. The GWF-D1000 is equipped with triple sensors and is designed to withstand the toughest of underwater missions.

Shock-resistant FROGMAN diver's watches feature ISO 200-meter water resistance and a unique asymmetric shape that leaves wrist movement unrestricted. Since releasing the first FROGMAN DW-6300 watch in 1993, Casio introduced the DW-8200 (1995) featuring rust-resistant titanium materials, the DW-9900 (1999) with a small form factor, the GW-200 (2001) with Solar Power, and the GWF-1000 (2009) that receives time-calibration radio signals from six global broadcast stations. FROGMAN watches have continued to evolve by incorporating the latest technologies available.

The FROGMAN GWF-D1000 represents another major step forward in the evolution of FROGMAN watches, with three precision sensors for measuring water depth, temperature, and compass bearing, and it is designed for use in the toughest environments including marine rescue. The GWF-D1000 also marks a first for the FROGMAN Series, with a water depth function that measures the depth down to 80 meters in 10 centimeter increments. The temperature function measures water temperature in 0.1 degree Celsius increments, and the compass bearing function, which features auto horizontal compensation, measures bearing in one degree increments even when tilted. These sensors provide real-time measurement data to support underwater search and rescue activities. The watch comes with an array of pro-grade features including a tide graph that displays high and low tides and a log memory function to track diving activities (dive time, maximum water depth, and lowest water temperature), supplemented by an excessive ascent rate alarm.

The GWF-D1000 also takes a leap forward on the outside with features that enhance durability. While retaining the asymmetric shape of past FROGMAN watches, the GWF-D1000 boasts a crystal made of scratch-resistant sapphire and a wristband reinforced with a carbon fiber insert. The watch features large buttons that are easy to operate even with gloves on.

The back case features a diamond-like carbon (DLC) coating and is engraved with a FROGMAN icon featuring a stylized rescue frog bravely diving into the dark seas with light in hand.

Model	Ion Plating
GWF-D1000-1	-
GWF-D1000B-1	Yes



GWF-D1000-1



GWF-D1000B-1

### Specifications

Construction	Shock-resistant
Water Resistance	ISO 200-meter water resistance
Radio Frequency	77.5 kHz (DCF77: Germany); 60 kHz (MSF: UK); 60 kHz (WWVB: USA); 40 kHz (JJY: Fukushima, Japan) / 60 kHz (JJY: Kyushu, Japan); 68.5 kHz (BPC: China)
Radio Wave Reception	Automatic reception up to six times a day (except for use in China: up to five times a day); manual reception
Diving Functions	Measuring range: 0 m to -80 m (-252.5 ft.); measuring unit: 0.1 m (0.5 ft.); dive time measurement up to 6 hours (1-second intervals up to 180 minutes, 1-minute intervals after 180 minutes); automatic measurement start/stop at depth of 1.5 meters (5 ft.) and automatic log memory in Diving Mode; surface interval time display (max. 48 hours); excessive ascent rate alarm
Log Data	Records 20 diving logs (including dive start time, dive time, maximum depth, and lowest water temperature)
Digital Compass	0-359 degree compass bearing measurement, direction displayed as one of 16 points (no display in Diving Mode), 60 seconds continuous measurement (20 seconds in Diving Mode), North-South-West-East graphic display, bearing memory, auto horizontal compensation, bidirectional calibration, magnetic declination correction
Thermometer	Measuring range: -10 to 60°C (14 to 140°F); measuring unit: 0.1°C
Time Stamp	Records 20 date and time sets (also records water depth and temperature bearing during water depth measurement, bearing during compass bearing measurement, and temperature during temperature measurement)
Moon Data	Moon age of the specific date, moon phase graph
Tide graph	Tide: 6 levels
World Time	48 cities (31 time zones; daylight saving on/off) and Coordinated Universal Time (UTC); direct access to UTC
Stopwatch	1/100 second stopwatch; 100-hour time counter (with split)
Countdown Timer	Measuring unit: 1 minute; input range: 1 minute to 24 hours (1-minute increments and 1-hour increments)
Alarm	5 independent daily alarms (1 snooze alarm); hourly time signal
Other Functions	Battery level indicator; full auto-calendar; 12/24-hour format; button operation tone on/off; full auto LED backlight with afterglow:1.5/3.0 seconds
Power Source	Tough Solar power system (solar-charging system)

Continuous Operation	About 23 months with the power-saving function* ON after full charge * Power-saving after a certain period in a dark location
Size of Case	59.2×53.3×18mm
Total Weight	Approx.141g

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