

EFFICIENT · RELIABLE · EASY TO USE
GROUND WATER MONITORING INSTRUMENT

Quanta•G[®]



Designed specifically for ground water applications,

Hydrolab's Quanta•G monitors up to eight different water quality parameters simultaneously. The Quanta•G is equipped with a heavy duty 1.75" diameter 316 stainless steel housing (or optional PVC) for easy cleaning, minimizing the potential for cross-contamination. SDI-12 output allows the Quanta•G to connect directly to third-party data loggers without custom software. Backed with Hydrolab's three-year warranty, the Quanta•G is designed for many years of use in the field.

The Quanta•G is also available with the Quanta waterproof display, which is capable of storing 200 frames of data, and allows viewing of 5 parameters per screen. The intuitive menu system makes calibration and operation extremely easy. New users can be up and running with less than 30 minutes of training time.

A complete Quanta•G system comprises the Quanta•G transmitter, a cable (up to 100 meters) and a Quanta display. Utilizing state-of-the-art technology and modern manufacturing principles, Hydrolab is able to offer the Quanta•G at a fraction of the price of other multi-parameter instruments, without compromising data quality.





HYDROLAB SUPERIOR SENSOR TECHNOLOGY

Hydrolab sensors are designed for exceptional reliability and durability in a field environment. With a “hot key” to the miniature stirrer, the user can choose when to circulate the sample for representative readings.

Hydrolab’s pH sensor utilizes a liquid reference solution that is easily refilled; no need to replace the sensor. The graphite electrodes in the conductivity sensor will not corrode or react with salts in the water.

HYDROLAB CORPORATION

Hydrolab, in business for over 40 years, remains committed to building the world’s most reliable water quality monitoring instruments. Hydrolab produced the world’s first multi-parameter instrument, and offers a

complete line of instruments for both ground and surface water monitoring.



PERFORMANCE SPECIFICATIONS

	Range	Accuracy	Resolution
Temperature	-5 °C to 50 °C	± 0.15 °C	0.01 °C
Dissolved Oxygen	0 to 50 mg/L	± 0.2 mg/L ≤ 20 mg/L ± 0.6 mg/L > 20 mg/L	0.01 mg/L
Specific Conductance	0 - 100 mS/cm	± 1% of reading ± 0.01 PSS	4 digits
pH	0 to 14 units	± 0.2 units	0.01 units
ORP	-999 to 999 mV	± 20 mV	1 mV
Depth 0-25	0 to 25 m	± 0.1m	0.1 m
Depth 0-100	0 to 100 m	± 0.3 m	0.1 m
Vented Level	0 to 10 m	± 0.003 m	0.001 m
Salinity	0 to 70 PSS	± 1% of reading ± 0.01 PSS	0.01 PSS

INSTRUMENT SPECIFICATIONS

Quanta Transmitter

Diameter: 4.5 cm (1.75 in)

Length: 38.1 cm (15 in)

Weight: 1.9 kg (4.0 lbs)

Wetted Materials: 316 stainless steel, epoxy, Buna-N, Ryton®, urethane (cable), Teflon® and acrylic (dissolved oxygen), pH glass, graphite and platinum (specific conductance)

Quanta Display

Screen Size: 8.9 cm (3.5 in diagonal)

Weight (with batteries): 0.95 kg (2.1 lbs)

Memory: 200 data frames (1 frame can store all parameter values)

NEMA 6 rated (waterproof)

Low Battery Indicator

Operating Temperature: -5 °C to 50 °C

Batteries: 3 “C” size batteries

Battery Life: Up to 16 Hours

Optional Accessories: Flow cell, backpack, neck strap, SDI-12 adapter cable



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