

HYDROgauge® Mk2

Subsea Digital Pressure Gauge



The HYDROgauge® Mk2 is equipped with a cutting-edge pressure sensor, designed to deliver highly accurate measurements of subsea processes. Its energy-efficient display technology ensures optimal performance for extended deployments underwater.

Specifications

Product	HYDROgauge® Mk2
Country of origin	UK
Manufacturer	Aquatec Group Ltd.

Key features

- High-precision pressure sensor: 0.01% full scale over a compensated temperature range
- Pressure to 1,000 bar
- Options for absolute or gauge pressure
- Depth rated to 4000 m
- Easy-to-read panel
- Additional temperature and battery readings
- Optional graphical data
- Long-lasting battery
- ROV / AUV / Diver light activation

Specification

Process pressure	Absolute or gauge pressure display Negative process pressure reporting
Absolute pressure	Up to 1000 bar-a 0.01% FS precision, 0.05% FS accuracy
Gauge pressure	Up to 1000 bar-g 0.1% FS accuracy
Temperature compensation	Accuracy and Precision fully temperature compensated between -5°C to +35°C
Display parameters	Pressure, Temperature, Battery
Update rate	Up to 1 second
Battery	4 AA size Alkaline (LR6), Lithium or NiMH cells Standard cell types - easily user replaceable
Battery life	22 days continuous (gauge pressure version) alkaline battery
Pressure fitting	1/4" NPT, 1/4" BSP, or 1/4" Autoclave MP Female threaded fitting options. Other fittings on request
Activation	Light sensor with configurable threshold & off delay
Maximum depth	4000 m
Weight	2.7 kg in air (Ti grade 5 version) 5 kg in air (316 Stainless Steel version) 4.95 kg in air (Inconel 625 version)
Dimensions	Ø 60 mm - 125 mm, length 206 mmm
Display features	Multi parameter live view Single parameter large font display Historical chart views Peak hold Averaging
Mounting	4 off M6 x10 threaded holes on Ø 114 mm PCD
Logging	Optional Logging function Includes 6-pin connector