

Subsea Digital Pressure Gauge

HYDRO_{gauge}® Mk2

The HYDRO_{gauge}® Mk2 delivers highly accurate measurements of subsea processes across applications such as hydrotest monitoring for pre-commissioning and subsea status checks during IRM operations. It provides absolute or gauge pressure readings up to 1,000 bar, together with temperature and battery status.

Designed for long-duration subsea use, the HYDRO_{gauge}® Mk2 combines a low-power, ROV-readable display with user-changeable batteries and a 4,000 m depth rating. Optional graphical trend views and logging functions support pressure monitoring over extended test and deployment periods.

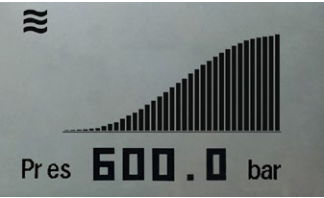
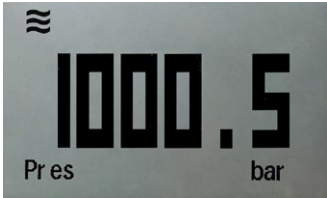


KEY FEATURES

- Pressure measurement up to 1,000 bar
- Absolute or gauge pressure options
- High-precision pressure sensor
- 0.01% FS precision over compensated temperature range
- 4,000 m depth rating
- Low-power, ROV-readable display
- Additional temperature and battery status readings
- Long battery life
- Light-activated display
- Optional graphical trend views
- Optional logging function

TECHNICAL SPECIFICATIONS

Process pressure	Absolute or gauge pressure display Negative process pressure reporting
Absolute pressure	Up to 1,000 bar-a 0.01% FS precision 0.05% FS accuracy
Gauge pressure	Up to 1,000 bar-g 0.1% FS accuracy
Temperature compensation	Accuracy and precision fully temperature compensated from -5°C to +35°C
Display parameters	Pressure Temperature Battery
Update rate	Up to 1 second
Battery	4 x AA-size user-replaceable cells, compatible with alkaline LR6, lithium or NiMH battery types
Battery life	22 days continuous (gauge pressure version) alkaline battery
Pressure fitting	1/4" NPT 1/4" BSP 1/4" Autoclave MP female threaded fitting options Other fittings on request
Activation	Light sensor with configurable threshold and off delay
Maximum depth	4,000 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 mm
Display features	Multi-parameter live view Single-parameter large-font display Historical chart views Peak hold Averaging
Mounting	4 x M6 x 10 threaded holes on Ø 114 mm PCD
Logging	Optional logging function Includes 6-pin connector



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