

CryoGauge 200

LIQUID LEVEL GAUGE

The CryoGauge 200 provides reliable and accurate determination of liquid levels for most non-conducting fluids. The gauge is particularly suitable for use with liquid nitrogen, argon, oxygen and carbon dioxide. Designed for use in pressurised cryogenic vessels.

KEY FEATURES

- High impact resistant polycarbonate housing and stainless steel probe that can be sited externally (IP67).
- Probe easily fitted into pressure vessels, tested to 1000psi.
- Optional vessel fittings available to suit most vessel types.
- Powered by internal battery with display showing level inside vessel at all times, no need to press a button to read level.
- Easy to read digital display with lightweight compact gauge head attached to stainless steel probe. Remote panel mounted gauge head provided for larger vessels.



APPLICATIONS

The CryoGauge 200 consists of a lightweight, compact electronic gauge head permanently attached to a stainless steel probe of length suited to the depth of liquid to be measured. The probe, which is inserted vertically, has a capacitance which increases linearly with the depth to which it is immersed in liquid.

A 'vessel fitting' can be supplied to enable the CryoGauge 200 Level Gauge to be installed into a pressured vessel. The CryoGauge 200 and vessel fitting have been pressure tested to 1000 p.s.i.

The probe is inserted vertically into the vessel and an easy to read LCD display, mounted on the front face of the level gauge head, displays directly, the height of liquid in the vessel. The gauge is adjusted so that the metre reads 0% when the vessel is empty and 100% when the vessel is full.

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TECHNICAL SPECIFICATIONS

Probe

Material	stainless steel
Diameter	8mm. (o.d.)
Length	to suit vessel

Read-out

Read-out	panel meter calibrated 0 - 100%
Adjustment/calibration	simple push button setup

Battery

Type	AA cell
Test	push button

Gauge Head Enclosure

Material	Polycarbonate case-rated IP67
Dimensions	H81 x W79 x D60 mm

Vessel Pressure

Maximum	1000 p.s.i
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SERVICE AND SUPPORT

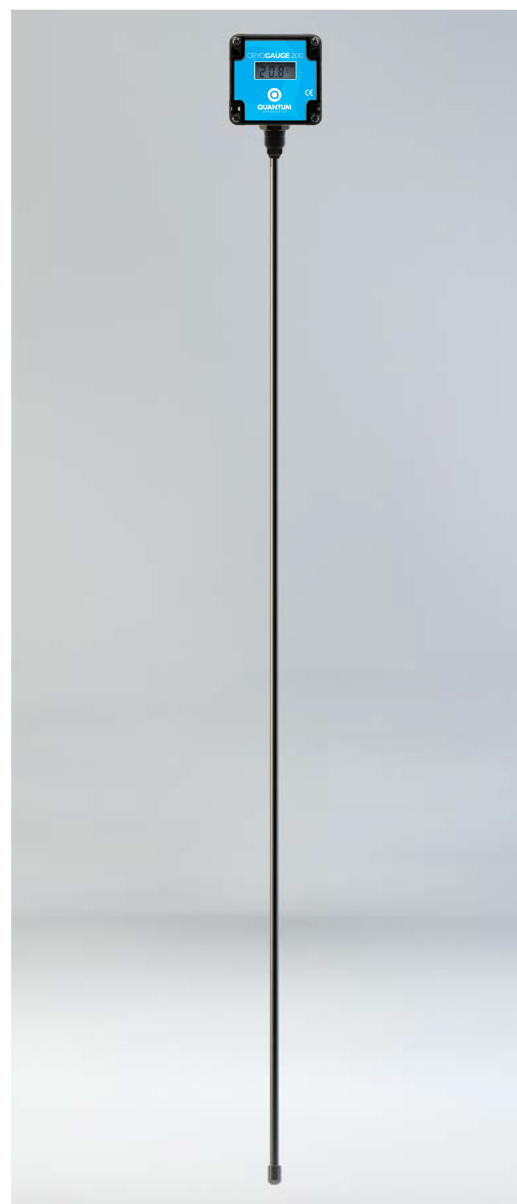
Design & installation Quantum can advise on how to integrate your existing equipment and/or design systems to suit specific requirements and maximise safety and reliability.

Maintenance and refurbishment A maintenance check is advised every 12 months. Quantum offers a choice of maintenance contracts and will refurbish/upgrade any product, regardless of age or condition.

Quantum Production has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice. Full technical specifications are available upon request.

ACCESSORIES

Adaptors are available for a wide range of vessels.



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