

Level gauges for cryogenic tanks

We supply a complete range of differential pressure and float level gauges for all size and types of cryogenic vessels & trailers.



From the standard through to the next generation, there will be a gauge for your application, that not only beats competitors on quality, but also on delivery, price, performance and service.

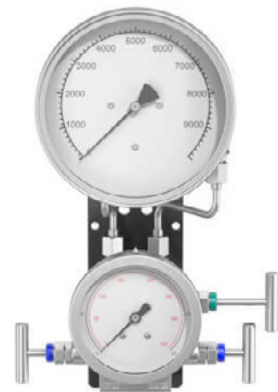


Unique features

- Delivered with customised dial logos and markings
- Zero chance of glass bursts
- Condensate / Fogging cleared on site
- Single or Multiscale dials
- Adjustment pointer blowout disk not required
- Tamper proof calibration system

Combined Differential Pressure & Pressure Gauge

The combined DP and pressure gauge options have a $\pm 2\%$ full scale accuracy. This type of diaphragm model is used in applications where no migration of the media from high pressure side (HP) to low pressure side (LP) is permitted. Options include oxygen cleaned and switch options, 1 & 2, for remote outputs.



	Model 370 DGC	Model 700 DGC
Accuracy	2% asc. (1.6% on request)	2% asc. (1.6% on request)
First Marking	10% of full scale	15% of full scale
Range	mmH2O: 0-750 upto 70,000 inH2O: 0-30 upto 2,500 mbar: 0-75 upto 6,000	mmH2O: 0-750 upto 40,000 inH2O: 0-30 upto 1,500 mbar: 0-75 upto 4,000
Mounting	Direct, panel, 2" pipe, surface	Direct, panel, 2" pipe, surface
Cases & dial size in mm (inch)	Nylon: 150 (6") (Standard) condensate can be field cleaned SS304 Bayonet: 100 (4"), 150 (6") condensate can be field cleaned (Nylon recommended)	SS304: 63 (2.5"), 80 (3.5"), 150 (6") Nylon: 115 (4"), 150 (6") condensate can be field cleaned SS304 Bayonet: 100 (4"), 150 (6") condensate can be field cleaned
Max. working pressure	75 bar (1000 psi)	100 bar (1500 psi)
Available in	Aluminum, Brass, SS316	Aluminum, Brass, SS316
Diaphragm	Viton™, EPDM	Buna-N, Viton™, EPDM
Glass	Float, Safety, Toughened, Acrylic	Float, Safety, Toughened, Acrylic
Connection	1/4" NPT (F), 1/4" BSP (F), others on request	1/4" NPT (F), 1/4" BSP (F), others on request
Porting	Inline, bottom, top, vent, back	Inline, bottom, top, vent, back
Protection	IP65 / NEMA 4	IP65 / NEMA 4
Switch	Available	Available
Scale types	Single scale / multi scale (LIN, LOX, LAR, LCO ₂)	Single scale / multi scale (LIN, LOX, LAR, LCO ₂)



Liquid Cylinder Float Level Gauge

The CR float level gauge is used in liquid cylinders globally. This robust gauge is designed to fit into your new or existing cryogenic liquid cylinders with $\pm 10\%$ accuracy. With connections to fit all liquid cylinders globally – and numerous wetted part options – there is a standard option for all your requirements.

	CR Float level gauge
Accuracy	10%
Customer logo	Possible
Range	Tank design specific
Mounting	Screwed directly on tank
Cases & dial size in mm (inch)	Nylon: 63 (2.5") condensate can be field cleaned
Max. working pressure	100 bar (1500psi)
Available in	Aluminum, Brass, SS316
Seals	Viton™, Teflon™
Glass	Float, Safety, Toughened, Acrylic
Connection	1/2" BSP, 3/4"-16UNF, others on request
Porting	Bottom
Protection	IP65 / NEMA 4
Designed for	Tough road conditions
Scale types	Single scale / multi scale (LIN, LOX, LAR, LCO2)



Digital Cryogenic Level Gauge

Our new digital cryogenic tank level pressure gauge with 4-20mA output is used on many cryogenic vessel applications. This high accuracy digital level and pressure gauge has a large display screen and backlight. It comes EMI-EMC tested by TÜV and is supplied with the CE statement of conformity.

	Digital Cryogenic Level Gauge
Output	4-20mA (2- wire)
Display Size	67 × 31 mm , digit height 17 mm with backlight
Scale	Standard Pressure unit, Volumetric & weight (need detailed internal tank drawing)
Mounting	Direct Mounting
Static/Maximum working pressure	400bar
Design Temperatures	-40°C to 80°C / -40°F to 175°F
Body Material	SS 316 (Std.)/Aluminium
Wetted Parts	Sensor in SS316, body material
Seal	Buna-N, Viton , EPDM (Others on request)
Connection	Standard: 1/4" BSP(F), Optional: 1/4" NPT (F), others through adaptor
Porting	In-line, rear, bottom, bottom & vent, in-line & vent, in-line & bottom
Protection	IP 66 / NEMA-4
Calibration Range	0.06 bar – 10bar
Overload Pressure	160bar (one side)

Driving innovation in industrial gas applications

If safety and performance are your top priority, you'll need product experts and engineering consultants who provide state-of-the-art valve technology and advanced engineering solutions that drive innovation in global industrial gas applications.



Clean Power



Modules



**Cryogenic
Quarter-Turn Valves**



**Cryogenic & Gas
Delivery Valves**



**Liquid Cylinder
+ Micro-bulk**



Insulation



Industrial Valves



Gauges



Generant Valves

To place your order or to find out more, contact us on: