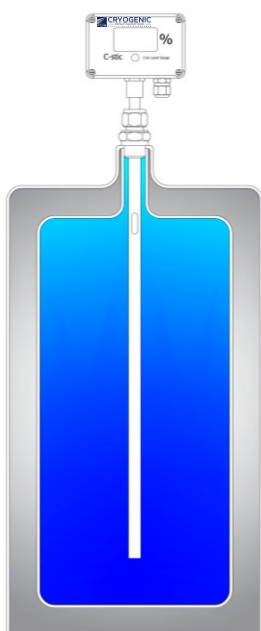




All Cryo-Stics
 come with CSM
 renowned customer
 service, from
 conceptual design to
 implementation



Cryo-Stic

Cryo-Stic is used as a direct replacement for mechanical float gauges. Provides continuous and accurate measurement than mechanical or pressure devices within $\pm 1\%$ (over full scale). The thermal barrier helps prevent influence of cold temperatures on electronics.

Cryo-Stic

The C-Stic is a very robust level meter specially for storage of liquified gases, like nitrogen, oxygen, argon, carbon dioxide and nitrous oxide. It provides an easy to mount, accurate and reliable liquid level digital reading. Cryo-Stic measures the capacitance of the sensor. i.e dielectric properties of the liquified gas between two stainless steel electrodes. These electrodes produces signal to sensor head, which in turn converts level signal to digital data. Level data is communicated to a gauge mounted directly on sensor, or remotely attached via cable. Designs also available for LNG, cryofreezer, LPG. Also, containers can be transported without gauge in place. This reduces chances of damage which prolongs life of product.

Typical Applications

- For cryogenic liquid storage tanks
- For liquid petroleum gas
- Cryofreezer

Features and Benefits

- Accurate measurements improves overall system efficiency.
- Higher flexibility than a thermal device, enables continuous measurement of liquid level
- Remote monitoring options for data acquisition
- No moving parts enhances reliability and durability, thus preventing unnecessary damage to Cryo-Stic device.
- Flexible gauge mounting options, can be mounted directly on sensor or remotely attached via cable.

Cryo-Stic Specifications

Cryo-Stic Model	CLG-2
Material Construction	Aluminium Enclosure
Components	Level Gauge
Display	3-digit LCD (in % full)
Power	2 x AA type battery or external 24 VDC
Voltage/ Amp	4 – 20mA / 0 – 5V output
Power Connection	9 pin connector
Communication	Continuous Reading Optical and Acoustic Alarms LED Status Indicators
Gauge Temperature	Operating gauge: -20 to 60 Deg. Celsius
Mounting	Directly on sensor or wall mount by cable
Standard Testing	Functional Test

Cryo-Stic Application

