



The Level-Eye® digital liquid level gauge provides a higher degree of accuracy that traditional mechanical floats simply cannot match.

LEVEL-EYE® LIQUID LEVEL GAUGE

Level-Eye® is a digital gauge for cryogenic vessels that uses precise percentages to accurately measure liquid level capacities.

HIGH PERFORMANCE

- Accurate and reliable solution for measuring cryogenic liquid level
- Rugged watertight aluminum display case and 2-year battery life (CR2477)
- Compatible with most brands of portable cryogenic vessels

EASY CALIBRATION

- Executed by a simple button sequence only at installation
- Data stored in memory during battery change
- Upgrade to CylConnect® remote monitoring to receive daily updates

CRYOGENIC LIQUID COMPATIBILITY

Level-Eye® Head & Wand* can be used to measure non-conducting liquids, such as:

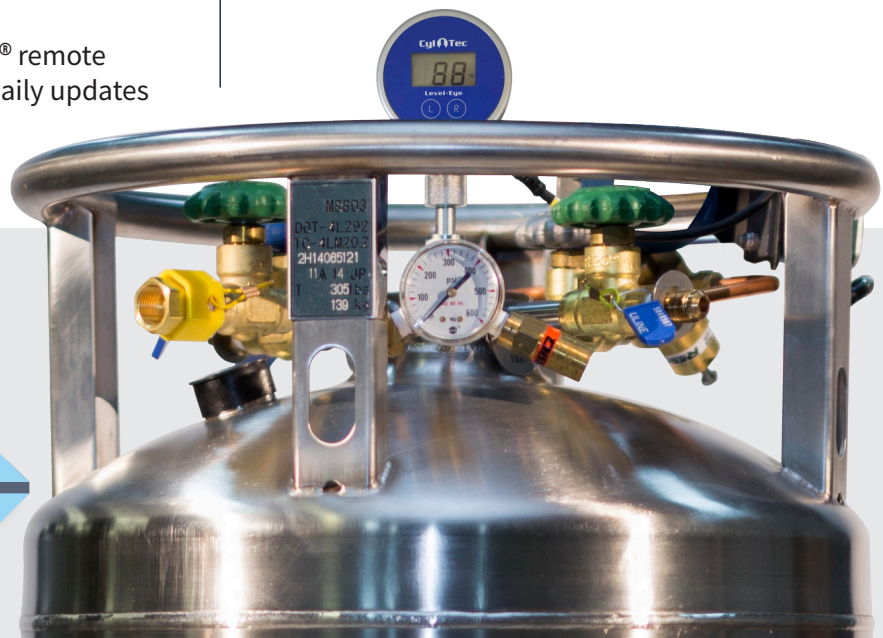
- Nitrogen (N₂)
- Oxygen (O₂)
- Argon (Ar)
- Carbon Dioxide (CO₂)
- Nitrous Oxide (N₂O)

**Level-Eye® Wand is cleaned for oxygen service per CGA G-4.1*

Upgrade to
CylConnect®

U.S. TOLL FREE **888-429-5832**

Cyl-Tec® www.cyl-tec.com



LEVEL-EYE® DIGITAL GAUGE & WAND

LEVEL-EYE® DIGITAL GAUGE



Part Number:
#CTLE

<i>Housing (Case)</i>	Aluminum
<i>Display</i>	LCD
<i>Storage & Operating Temperature Range</i>	-40°F to 175°F (-40°C to 80°C)
<i>Accuracy</i>	± 2%
<i>Moisture Proof Spec.</i>	IP65
<i>Operating Voltage</i>	3VDC
<i>Connection Jack</i>	Gold-plated Brass
<i>Connection Stem & Nut</i>	304 Stainless Steel
<i>O-Ring Seals</i>	Teflon, Viton
<i>Telemetry Output</i>	4-20mA

LEVEL-EYE® WAND



<i>Connection Fitting</i>	304 Stainless Steel
<i>Connection Jack</i>	Gold Plated Brass
<i>Wand</i>	304 Stainless Steel*
<i>Spacers*</i>	PTFE* (Teflon)
<i>O-Ring Seals*</i>	Teflon*, Viton*

*Gas wetted materials

Part Number:
See chart below

TANK MODEL COMPATIBILITY*

The following chart shows the various wand lengths available for popular cryogenic vessel models.

***NOTE:** Level-Eye® head (#CTLE) is sold separately.

Manufacturer	Tank Model	Wand Length	Wand Part #
Cyl-Tec	BC-300	40 in.	CTPR40TW
Chart	230 L (old)		CTPR40C
TW	XL-65	43 in.	CTPR43TW
Cyl-Tec	240 L		CTPR43TW
Chart	230 L (new)		CTPR43C
Cyl-Tec	265 L		CTPR43TW
Chart	265 L	48 in.	CTPR48C
UC	LS 160		CTPR48TW
Chart	160MP	54 in.	CTPR48C
CSI	PLC-180		CTPR54TW
Chart	180 L		CTPR54C
Cyl-Tec	180 L		CTPR54TW
TW	XL-50		CTPR54TW
TW	XL-50HP		CTPR54TW
TW	XL-50VHP		CTPR54TW
Cyl-Tec	BC-750	56 in.	CTPR56TW
Chart	180VHP		CTPR56C
Chart	200 L		CTPR56C
Cyl-Tec	200 L HP		CTPR56TW
Cyl-Tec	200 L VHP		CTPR56TW
Cyl-Tec	450 L	59 in.	CTPR56TW
Cyl-Tec	BC-500 & BC-550		CTPR59TW

LEVEL-EYE® SETUP & INSTALLATION

1. Choose correct wand length (see chart).
2. Wrench-tighten sealing nut into vessel. Then guide wand through sealing nut and wrench-tighten top compression fitting.
3. Hand-tighten Level-Eye® Head to wand.
4. Calibrate Level-Eye® Head to correct liquid level measurement inside tank (see add'l instructions).

CYLCONNECT® ACTIVATION

5. Contact Cyl-Tec customer service for telemetric activation of uplink device. (Note: technician must be on-site with unit for initial activation.)



CylConnect®
TALK TO YOUR TANK®

CylConnect® uses cellular networks to provide remote monitoring of tanks using Level-Eye®. Receive daily alerts of liquid level via mobile app or desktop computer.

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Cyl-Tec®

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