



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

### CRYOGENIC LIQUID COMPATIBILITY

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

- Nitrogen (N<sub>2</sub>)
- Oxygen (O<sub>2</sub>)
- Argon (Ar)
- Carbon Dioxide (CO<sub>2</sub>)
- Nitrous Oxide (N<sub>2</sub>O)

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



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

**Cyl-Tec®** [www.cyl-tec.com](http://www.cyl-tec.com)

# LEVEL-EYE® DIGITAL GAUGE & WAND



Part Number:  
#CTLE

## LEVEL-EYE® DIGITAL GAUGE

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

## LEVEL-EYE® WAND



Connection Fitting	304 Stainless Steel
Connection Jack	Gold Plated Brass
Wand	304 Stainless Steel*
Spacers*	PTFE* (Teflon)
O-Ring Seals*	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.

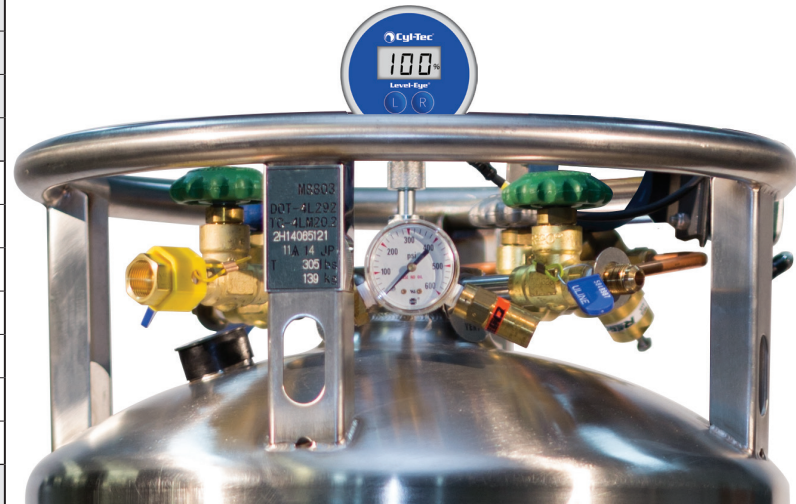
**\*NOTE:** Level-Eye® head (#CTLE) is sold separately.

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		CTPR43C
UC	LS 160	48 in.	CTPR48TW
Chart	160MP		CTPR48C
Chart	400 lb.		CTPR48C
CSI	PLC-180	54 in.	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
Chart	450 lb.		CTPR56C
Cyl-Tec	200 L HP		CTPR56TW
Cyl-Tec	200 L VHP		CTPR56TW
Cyl-Tec	450 L		CTPR56TW
Cyl-Tec	BC-500 & BC-550		59 in.

## 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).

Also, scan the QR code for calibration and video demonstration.



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