



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*

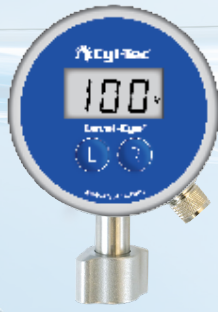
Upgrade to
CylConnect®

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

 **Cyl-Tec®** www.cyl-tec.com



LEVEL-EYE® DIGITAL GAUGE & WAND



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		
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		
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.		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.)



Cyl-Tec, Inc.
971 W. Industrial Dr.
Aurora, IL 60506

Local & Outside U.S: 630-844-8800
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LEVEL-EYE® WAND SIZING GUIDE

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



TANK MODEL COMPATIBILITY

This wand sizing chart shows the various wand lengths available for popular cryogenic vessel models:



Manufacturer	Tank Model*	Wand Length	Wand Part No.
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		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
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.	CTPR59TW

*Contact Cyl-Tec's customer service for tanks not listed above.

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