

## Product specifications for model 4300 CryoCombo Unmounted (CCU)

### CCU Assembly

<b>components</b>	tank level gauge with integrated 3 valve manifold
<b>mounting</b>	threaded holes on back of level gauge/manifold (1/4-20 UNC-2B), three holes on flanged dial case (0.190", 5 mm)
<b>overall dimensions</b>	7.31" (186 mm) x 5.6" (142 mm) x 3.78" (96 mm)
<b>oxygen cleaned</b>	available upon request

### Level Gauge/Manifold

<b>sensor type</b>	diaphragm
<b>function</b>	<b>indicator</b>
<b>min. range</b>	0-30 in. H <sub>2</sub> O (0-700 mmH <sub>2</sub> O)
<b>max. range</b>	0-1400 in. H <sub>2</sub> O (0-35000 mmH <sub>2</sub> O)
<b>max. line pressure</b>	750 PSI (50 bar)
<b>min. burst pressure</b>	3000 psig/ 200 bar, tested hydrostatically
<b>standard maximum temperature</b>	200°F (93°C)
<b>high temp. construction</b>	N/A
<b>minimum temperature*</b>	*Consult factory for low temperature applications
<b>calibration accuracy</b>	±2% of full scale ascending after rap at room temperature
<b>repeatability</b>	±1% of full scale
<b>porting size</b>	1/4" NPT (bottom)
<b>calibration medium</b>	air
<b>primary wetted parts</b>	aluminum or brass level gauge/ brass manifold
<b>secondary wetted parts</b>	range spring: 302SS (Teflon coating optional for spring and magnet) magnet: ceramic
<b>static seals</b>	Viton (Buna-N optional)
<b>diaphragm</b>	Viton (Buna-N optional)
<b>lens</b>	tempered glass (plastic lens optional)
<b>dial size</b>	100 mm (150 mm optional)
<b>starting mark on level gauge dial</b>	approximately 10% of full scale
<b>pressure gauge connection (gauge supplied by end user)</b>	1/4" FNPT optional 1/4" FNPT pressure gauge stem available, consult factory

### Standard options (level transmitter)

<b>configuration</b>	
<b>electronic outputs</b>	analog outputs: 4-20 mA (2 wire) 0-5 VDC (3 or 4 wire)
<b>supply voltage</b>	9-35 VDC (reverse polarity protected)
<b>loop resistance</b>	1300 ohms max. $R = ((V_s - 9) * 1000) / 20$ (ohms at $V_s$ )
<b>board connection</b>	1: V+ 2: V- 3: 0-5 V <sub>OUT</sub> 4: COM 20-26 AWG wire
<b>conduit connection</b>	1/2" trade size
<b>transmitter enclosure</b>	weatherproof