

Product specifications for model 4300 CryoCombo Unmounted (CCU)

CCU Assembly

components	tank level gauge with integrated 3 valve manifold
mounting	threaded holes on back of level gauge/manifold (1/4-20 UNC-2B), three holes on flanged dial case (0.190", 5 mm)
overall dimensions	7.31" (186 mm) x 5.6" (142 mm) x 3.78" (96 mm)
oxygen cleaned	standard, except for Buna option units

Level Gauge/Manifold

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

Standard options (level transmitter)

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