

Product specifications for model 4200 CryoCombo Panel (CCP)

CCP Assembly

components	tank level gauge, tank pressure gauge, integrated 3 valve manifold
panel material	316 stainless steel
mounting	front and side through holes in panel (1/4" or 6 mm fasteners), add'l threaded holes on back of level gauge/manifold (1/4-20 UNC-2B)
overall dimensions	14.5" (368 mm) x 6.5" (165 mm) x 4.6" (117 mm)
oxygen cleaned	available upon request

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*	*Consult factory for low temperature applications
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
starting mark on level gauge dial	approximately 10% of full scale

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Pressure Gauge

sensor type	Bourdon tube
function	Indicator
pressure range options	10, 15, 25, 40 or 60 bar; PSI secondary scale
standard maximum temperature	200°F (93°C)
high temp. construction	N/A
minimum temperature*	*Consult factory for low temperature applications
calibration accuracy	Grade A, 1.6%
wetted parts	brass
lens	plastic
dial size	100mm

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	½" trade size
transmitter enclosure	weatherproof