

PR2000 SPECIFICATIONS*

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC WARRANTY REMEDY LIMITATIONS APPLY.

Pressure

Pressure Sensor:	Semiconductor strain gauge
Pressure Range:	0 to 30, 100, 300 and 500 PSIA/G; 0 to 1000 and 5000 PSIA
Pressure Resolution:	0.002, 0.005, 0.02, 0.05 PSIA/G; 0.05, 0.2 PSIA
Calibrated Accuracy:	2 % FSR, 0.25 % @ 25 °C typical
Pressure Response Time:	0.1 ms (10 to 90 % FSR)

DOT-MATRIX LCD

Dimensions:	2.5 in x 1.375 in (63 mm x 35 mm)
Text:	Configurable channel text size
Indicators:	Power, status, memory
Backlight:	Configurable w/auto shut-off and contrast adjustment
Start/Stop Time:	Software programmable start time and date, up to six months in advance; programmable stop time
Memory:	262,143 total readings; software configurable memory wrap

Reading Rate:	1 reading every 2 seconds up to 1 reading every 24 hours
Calibration:	Digital calibration through software
Calibration Date:	Automatically recorded within device
Battery Type:	6 alkaline AA batteries, user replaceable
Battery Life:	1 year battery life at 1 minute reading rate with display off. 30 days typical with continuous display use. Optional AC adapter available.
Data Format:	PSIG, inHg, mmHg, bar, atm, Torr, Pa, kPa, MPa
Time Accuracy:	±1 minute/month (at 20 °C to 30 °C)
Computer Interface:	USB (interface cable required); 115,200 baud
Software:	XP SP3/Vista/Windows 7/Windows 8
Operating Environment:	-20 °C to +60 °C, 0 %RH to 95 %RH non-condensing
Dimensions:	5.1 in x 4.8 in x 1.705 (130 mm x 122 mm x 43.3 mm)
Weight:	40 oz (1134 g)
Enclosure:	Black anodized aluminum case/NPT Steel
Approvals:	CE

BATTERY WARNING: RISK OF FIRE OR EXPLOSION. DO NOT RECHARGE, FORCE OPEN, HEAT OR DISPOSE OF IN FIRE.

ORDERING INFORMATION

MODEL	DESCRIPTION
PR2000-30	0-30PSIA(G) Pressure Recorder with LCD Display
PR2000-100	0-100PSIA(G) Pressure Recorder with LCD Display
PR2000-300	0-300PSIA(G) Pressure Recorder with LCD Display
PR2000-500	0-500PSIA(G) Pressure Recorder with LCD Display
PR2000-1000	0-1000PSIA Pressure Recorder with LCD Display
PR2000-5000	0-5000PSIA Pressure Recorder with LCD Display
Calibration Certificate	Calibration Certificate available for data logger
IFC200	Software, manual and USB interface cable
MN1500	Replacement battery for PR2000 (device requires 6 batteries)