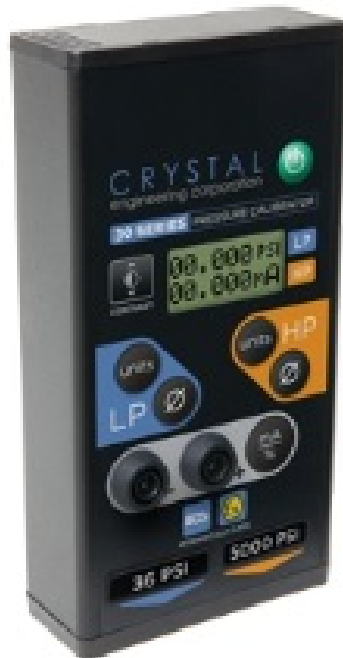


30 Series Pressure calibrator



- **Gauge pressure measurement to 200 bar**
- **Two pressure ranges in one**
- **Current measurement 55mA**
- **Accuracy: 0,05 % of reading for pressure
0,025 % of reading for current**
- **Temperature compensation from 0° C to 50° C**
- **RS232 Interface**
- **ATEX certified**

*By DAkkS according to DIN EN ISO / IEC 17025: 2005 accredited laboratory.
The accreditation is valid only for the certificate system D-K-15055-01-00
listed accreditation scope.*



Specifications

These shirt-pocket-sized pressure calibrators can measure vacuum and pressure from zero up to pipeline pressures, and everything in between—without any external sensors! There are a variety of models to choose from. Model 31's have one sensor, while Model 33's allow you to combine two sensors into one calibrator. All 30 Series calibrators indicate milliamps.

The aluminum housing of 30 series calibrators is rugged and resists interference from two-way radios and cellular phones better than plastic. Sensors are stainless steel, compatible with gases and liquids, and are built in.

Accuracy is 0.05% of the indicated pressure, 0.025% of the indicated current (up to 55mA). These specifications are not affected by temperature because each and every 30 Series calibrator is tested in an environmental test chamber over the full operating range of 0°C (32°F) up to 50°C (122°F), duplicating field conditions. As a result, every calibrator is supplied with an NIST traceable certificate of calibration that includes data at 5 temperatures!

Accuracy

Pressure range and resolution

Range (bar)	max (bar)	PSI	kg/cm ²	"Hg	"H ₂ O	mmHg	cm H ₂ O	mm H ₂ O	kPa	Mpa	mbar	bar
1	6	0.001	0.0001	0.001	0.01	0.01	-	1	0.01	-	0.1	-
2	6	0.001	0.0001	0.001	0.01	0.01	-	1	0.01	-	0.1	-
20	120	0.01	0.001	0.01	0.1	0.1	1	-	0.1	-	-	0.001
100	400	01	0.01	-	-	-	-	-	1	0.001	-	0.01
200	400	01	0.01	-	-	-	-	-	1	0.001	-	0.01

Technical Data

Current range:	0 to 55 mA
Resolution:	0.001 mA
Accuracy:	± (0,025 % v. M. + 0,001 mA)
Connection:	4 mm jacks, 19mm spacing
Operation temperature:	0° C to 50° C
Power supply:	
Battery:	9 V
Battery life:	90 h (alkaline battery)

Pressure media:	All gases and fluids which are compatible with steel 316
Pressure fittings:	1/8" NPT female
Dimensions (LxWxH):	70 x 130 x 29 mm
Weight:	485 g