

XP2i Digital Test Gauge



- **Accuracy:**
± 0.1 % of reading
- **Pressure ranges:**
-1 bar up to 1000 bars
- **Big Display**
(optional: two lines)
- **Interface RS232**
- **die-cast aluminium (IP67)**
- **ATEX-approval**

Technical Data

Accuracy:	± 0.1 % of reading from 20 % to 100 % of the range ± 0.02 % F.S. from 0% to 20 % of the range in the negative range: 0.25 % of the span (for 20 bars range and lower)
Option:	± 0.02 % of reading (15 to 25 °C)
Over pressure:	above 110 % of the range the Display flashes (as warning)
Working Temperature:	-10° C up to 50° C
Display:	with back light
Pressure ports:	7/16-20UNF female (Adapter 7/16-20UNF male / G1/2"male optional) other adapters available
Pressure medium:	All Gases and liquids, which are compatible with St. Steel 316
Power supply:	Batteries: 3 x AA - Batteries (Mignon), about 1500 working hours 'Low Battery' display
Enclosure:	Stainless steel Waterproof sealed to NEMA4 und IP66 Weight: 500g with Batteries Dial: Ø 112 mm, Thickness 33 mm Intrinsic safe class 1; Division 1; Groups A, B, C, D; Temperature Code T4 ATEX

By DAkkS accredited laboratory according to DIN EN ISO / IEC 17025: 2018. The accreditation is valid only for the quantities listed in the accreditation scope. (Our Laboratory number is D-K-15055-01-00).

Pressure ranges, pressure units and resolutions

Pressure range (bar)	max over pressure*	bar	mbar	Relativ	Absolut
-1 til 1	7 times	0,0001	0,1	X	-
-1 til 2	3 times	0,0001	0,1	X	-
-1 til 7	2 times	0,0001	0,1	X	-
-1 til 20	2 times	0,001	1	X	-
0 til 30	2 times	0,001	1	X	-
0 til 70	2 times	0,001	-	X	-
0 til 140	2 times	0,01	-	X	X
0 til 200	1.5 times	0,01	-	X	X
0 til 300	1.5 times	0,01	-	X	X
0 til 700	1.5 times	0,01	-	X	X
0 til 1000	1.5 times	0,01	-	X	X

* Are maximal pressures, the gauges can withstand without damage. The gauge will not indicate pressure up to this number.

different mounting options available



additional accessories

- Adapter on request
- Carrying case: B x H x T: 279 x 83 x 356 mm; with embedded place for XP2i and adapters
- Display with 2 lines
- Pressure adapter on the backside with 4½" flange
- special cleaning for oxygen use
- power Supply
- LabView driver: for communication between PC and XP2i
- WinXP2: Software for Configuration XP2i
- Serial DL: Datalogger program