

Taishio High Accuracy Digital Pressure Gauge, TS-LabDMM2

Taishio



Features

- Normalised pressure from 100mbar to 3000bar
- Temperature measurement in °C or °F
- 5 digit LCD display with backlight
- Resolution, digital filter, conversions in units of measurement
- Functions of ZERO, PEAK MAX/MIN
- KEY LOCK function to protect the use parameters from unauthorized changes
- LOOP function in which the measurement of pressure and temperature are alternated on the display

SPECIFICATIONS

Pressure		Resolution
Pressure Range	-1 ... 40 bar	0.005 bar
	-1 ... 70 bar	0.01 bar
	0 ... 700 bar	0.05 bar
Pressure Accuracy	≤ ± 0.05% F.S	
Pressure Units	bar mbar psi MPa kPa kg/cm ² mHg mmHg mmH ₂ O mH ₂ O	

Temperature Indication	
Display Units	°C / °F
Resolution	0.1°C
Accuracy	± 1°C
Reference Temperature	0 ... + 50°C
Operating Temperature	-10 ... +60°C
Relative Humidity	< 90% not condensed

Temperature Effect (1°C)	
on Zero	≤ ± 0.002%
on Sensitivity	≤ ± 0.002%

Mechanical Limit Values	
Service Pressure	100% F.S.
Limit Pressure	150% F.S.
Breaking Pressure	> 300% F.S.
Highly Dynamic Pressure	75% F.S.

Response Rate	100 ms
Display	5-Digit LCD Display with Backlight
Communication Port	USB 2.0
Power Supply	1 x Li-on Battery 3.6V, 1800mA/h
Battery Life	50 hours continuous
Battery Rechargeable	USB port (5 Vdc)
Pressure Connection	G 1/2" male
Electric Protection	EN 60529
Protection Class	IP40
Housing Material	Aluminium

Included accessories	USB power supply, USB cable, Yellow shock resistance silicone cover Teflon seal 1/2" G (Female) - 3/8" BSP (Male) adaptor
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MODEL	DESCRIPTION
TS-DPG-LABDMM2	High Accuracy Digital Pressure Gauge (0.05%FS), comes with test report