

Digital Portable Manometer LR-Cal Serie 2000

Types 202xP: without leak test and data logging functionality

Types 208xP: with leak test and data logging functionality

- easy operation
- great performance
- measurement of pressure, vacuum and differential pressure
negative and positive reading
- rigid housing IP 67 (1 m depth for 30 mins)
- Pressure ranges from 1 mbar to 10 bar (0.40218 to 4021.8 inH2O)
- excellent instrument accuracy
- Optional: leak testing and data logging (types 208xP)
- Overrange protection
- Autoranging displays for precise readings
- Selectable auto switch-off



The digital portable manometer **LR-Cal Series 2000** are suitable for pressure/vacuum/differential pressure readings with non-corrosive and non-ionised media, e.g. air, dry gases, hydraulic fluids.

This handhelds are easy to operate, reliable and build to last, in order to meet the performance and cost demands of today's markets.



The two versions of the portable digital manometer **LR-Cal Series 2000**:

	Types:	202xP	208xP
Protection IP 67 (with hoses connected)		✓	✓
Backlight display		✓	✓
Out of range indication		✓	✓
Zeroing (by pressing one key)		✓	✓
HOLD function (freezes value in the display)		✓	✓
Switchable pressure units		✓	✓
Range lock		✓	✓
Max / Min		✓	✓
Averaging		-	✓
Leak testing		-	✓
Data logging		-	✓
Number of keys on the keypad:		8	14

Technical Data:

Pressure ports:	for tube 4 mm inner diam. / 6 mm outer diam.; two ports (absolute pressure types: one port)
Operating temperature:	0°C ... +50°C
Battery type:	2 x size AA 1.5 V (not supplied)
Battery life:	typical 200 hours, Low Battery Check with symbol on display
Display:	custom LCD 12.7 mm (0.5")
Auto switch-off time	12 minutes
Dimensions:	155 x 67 x 40 mm / 6.1" x 2.6" x 1.6"
Weight:	180 g / 4 oz
Accuracy:	0.15% rdg. +0.15% fs + 1 digit 0.3% rdg. +0.3% fs + 1 digit (-Ve Pressures) (rdg. = of reading value / fs = of full scale value)



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Pressure Ranges:

All instruments (except absolute pressure types) measure pressure, vacuum and differential pressure (negative and positive reading).

Order-Code:		Range:	Overrange:
without	with Logging / Leaktest		
2020P	---	25 mbar	350 mbar
2021P	---	130 mbar	750 mbar
2027P	---	500 mbar	1 bar
2028P	---	1 bar	2 bar
2022P	2082P	2 bar	4 bar
2023P	2083P	7 bar	10 bar
2026P	2086P	10 bar	21 bar
2025P	2085P	2 bar absolute	4 bar absolute



Pressure Scale (Units, Resolution, Scale):

Order-Code	2020P	2021P	2027P	2028P	2022P 2082P	2023P 2083P	2026P 2086P
[mbar]	0-1999µbar + 0.00-25.00	0.00-19.99 + 0.0-130.0	0.0-199.9 + 0-500	0.0-199.9 + 0-1000	0.0-199.9 + 0-1999	0.0-199.9 + 0.00-7.00bar	0-1999 + 0.00-10.00bar
[Pa]	0.0-199.9 + 0-2500	0.00-13.00kPa	0.00-19.9kPa + 0.0-50.0kPa	0.00-19.99kPa + 0.0-50.0kPa	0.00-19.99kPa + 0.0-199.9kPa	0.0-199.9kPa + 0-700kPa	0.0-199.9kPa + 0-1000kPa
[in H2O]	0.00-10.05	0.00-52.28	0.0-199.9 + 0-201	0.0-199.9 + 0-402	0.0-199.9 + 0-804	0.0-199.9 + 0-2815	0.0-199.9 + 0-4022
[m H2O]	0.00-19.99mm + 0.0-255.3mm	0.0-199.9mm + 0-1320mm	0.00-5.11	0.00-10.22	0.00-20.43	0.00-19.99 + 0.0-71.5	0.00-19.99 + 0.0-102.2
[in Hg]	0.00-0.73	0.00-3.83	0.00-14.75	0.00-29.5	0.00-59.00	0.00-19.99 + 0.0-206.7	0.00-19.99 + 0.0-295.3
[m Hg]	0.00-18.75mm	0.00-19.99mm + 0.0-97.5mm	0.00-19.99cm + 0.0-37.5cm	0.00-19.99cm + 0.0-75.0cm	0.00-19.99cm + 0.0-150.0cm	0.00-5.25	0.00-7.50
[psi]	0.00-0.36	0.00-1.88	0.00-7.25	0.00-14.50	0.00-29.00	0.00-19.99 + 0.0-101.5	0.00-19.99 + 0.0-145.0

Types 2025Paund 2085P (2 bar absolute): units, resolution and scale as types 2022P resp. 2082P

Optional Accessories:

- strong carrying case type 2950, with foams
- rubber cap for 2000 series handheld
- IR link module with software auf CD, to read logged values
- Magnetic kit to fix 2000 series handheld on wall etc.
- hydrophobe filter
- calibration testpump types 2911/2941 or LPP 30

- Order-code: **2950-KOFFER**
- Order-code: **2000-GSK**
- Order-code: **2000-LINK-SW**
- Order-code: **2000-MAGKIT**
- Order-code: **500.9.000.0001.0**

www.LR-Cal.com



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