

Digital pressure gauge with data logger 0,5%

Connection: G1/4"

Accuracy Class: 0.5%

Robust Design: Metal housing and stainless steel connection, no plastic

Wide Range of Measurement: Available from 50 mbar to 1000 bar

IP65 Protection Class: Splash-proof for use under harsh conditions

Plug-and-Play: No software required, recognized as a USB drive, data storage in CSV format

Battery Operation: Durable Li-Po battery, rechargeable via USB

Bluetooth Integration: Beta version for wireless data transmission (*Android only*)

Modern USB-C Interface: Simple and fast connection

Flexible Connection: 330° rotatable for easy handling

Bright LCD Display: Clear visibility with green backlight

Data Record Display: Visualization of the current data record, e.g., REC4 for the fourth file

Adjustable Storage Rate: Settings from 10 ms to 10 sec, as well as manual recording at the push of a button

Additional Functions: Bar graph, MIN/MAX, temperature display in °F/°C

Delivery in a Case: Professional and secure packaging for transport and storage

Included: Adapter from G1/4" to G1/2", with sealing, USB cable, USB stick with a Bluetooth app for Android only

Digi-Log Digital Manometer:

Precision and Innovation in a Robust Design

Discover the Digi-Log, our advanced digital manometer that stands out with its unique features from the competition.

With integrated **Bluetooth** (still in beta version) and modern USB-C connection, it offers straightforward data transfer. The battery can be conveniently charged via USB, and when connected, the manometer acts as a **USB stick**, automatically saving data in CSV format – **no additional software required.**

The robust **metal housing** and **stainless steel connection** ensure durability, while the bright LCD display with green backlighting provides clear readability even in difficult conditions. Thanks to the **IP65 protection class**, it is splash-proof and thus ideal for use in demanding environments.

A wide range of measuring ranges from **50 mbar to 1000 bar** and features such as a bar graph, MIN/MAX display, and a temperature display in °F/°C. The 330° rotatable connection and the adjustable measurement storage rate (10 ms to 10 sec), as well as the ability to create data records at the push of a button, make it a versatile and user-friendly tool for professionals.

Switching between the world's most common units of measurement is very simple:

bar, mH₂O, mbar, Torr, atm, inH₂O, inWC, inHg, kPa, MPa, psi, kgf = kg/cm² (depending on measuring range).

Technical Specifications:

Standard Measurement Ranges	0-1 bar, 0-1.6 bar, 0-2.5 bar, 0-4 bar, 0-6 bar, 0-10 bar, 0-16 bar, 0-25 bar, 0-40 bar, 0-60 bar, 0-100 bar, 0-160 bar, 0-250 bar, 0-400 bar, 0-600 bar, 0-1,000 bar
Vacuum Combo Measurement Ranges	-1-0 bar vacuum, -1-0-1 bar, -1-0-2.5 bar, -1-0-4 bar, -1-0-6 bar, -1-0-10 bar, -1-0-16 bar, -1-0-25 bar, -1-0-40 bar
Micro Measurement Ranges	0-50 mbar, 0-100 mbar, 0-160 mbar, 0-250 mbar, 0-400 mbar, 0-600 mbar -50-0-50 mbar, -100-0-100 mbar, -250-0-250 mbar, -500-0-500 mbar
ABSOLUTE Measurement Ranges	0-1 bar, 0-1.6 bar, 0-2.5 bar, 0-4 bar, 0-6 bar ABSOLUTE
Overload Limit	< 100bar 150%; ≥ 100bar 200%
Backlight	Green
Diameter	85 mm
Accuracy	0.5%FS; 0.1%FS; 0.05%FS (on request: 0.2%FS)
Long-Term Stability	Typical: ±0.05%FS/Year
Operating Temperature	-10 - 60 °C
Compensation Temperature	5 ~ 40 °C
Electrical Protection	Integrated electrical protection for enhanced electromagnetic compatibility (EMC)
Max. Data Records	27,000 per recording series
Recording Series	1...99
Storage Rate	0.1...6.4 s - automatic depending on recording duration
Max. Recording Duration	48 h
Recorded Data Information	Time / Actual Pressure / MIN-/MAX-Value
Measuring Medium	Gas, water, oil that do not corrode stainless steel and are not highly viscous
Connection	Standard G1/4" according to EN 837-1, wrench-27, 330° rotatable on request: 1/2", NPT, M20x1.5", on request.
Connection Material	Stainless steel 304SS (equivalent to 1.4301, V2A)
Housing	Zinc cast
Protection Class	IP65 (on request: IP67)
Measuring Cell	Stainless steel 304SS (equivalent to 1.4301, V2A)
Seal	NBR
Power Supply	Integrated Li-Po battery, usable and rechargeable via USB-C
Battery Life	~ 1200 hours
Weight	0.40 Kg

Digitale drukmeter met datalogger 0,5%

Aansluiting: G1/4"

Nauwkeurigheidsklasse: 0.5%

Robuust ontwerp: Metalen behuizing en roestvrijstalen aansluiting, geen plastic

Breed meetbereik: Verkrijgbaar van 50 mbar tot 1000 bar

Beschermingsklasse IP65: Spatwaterdicht voor gebruik onder zware omstandigheden

Plug-and-Play: Geen software nodig, wordt herkend als USB-station, gegevensopslag in CSV-formaat

Werking op batterij: Duurzame Li-Po batterij, oplaadbaar via USB

Bluetooth-integratie: Beta-versie voor draadloze gegevensoverdracht (alleen Android)

Moderne USB-C-interface: Eenvoudige en snelle aansluiting

Flexibele aansluiting: 330° draaibaar voor eenvoudige bediening

Helder LCD-scherm: Duidelijke zichtbaarheid met groene achtergrondverlichting

Weergave gegevensrecord: Visualisatie van de huidige gegevensrecord, bijv. REC4 voor het vierde bestand

Aanpasbare opslagsnelheid: Instellingen van 10 ms tot 10 sec, maar ook handmatige opname met een druk op de knop

Extra functies: Staafdiagram, MIN/MAX, temperatuurweergave in °F/°C

Levering in koffer: Professionele en veilige verpakking voor transport en opslag

Meegeleverd: Adapter van G1/4" naar G1/2", met verzegeling, USB-kabel, USB-stick met een Bluetooth-app voor alleen Android

Vertaald met DeepL.com (gratis versie)