

C300

C310 • C330

C320 • C340

PORTABLE DIGITAL MANOMETER



Precision Pressure Indicating Instruments
for Pressure, Vacuum, Differential
Pressure and barometric Air pressure

- Large and illuminated display 4 1/2 digits
- hPa - Pa - mbar - bar - inHg - PSI
- unique THUMB-WHEEL single hand operation
- Adjustable auto-OFF function
- With real time clock (date and time)
- Functions: Hold, MAX, MIN, Average
- One point calibration
- Two point calibration (except type C300)
- suitable for clean dry gaseous media



C300
C310 • C330
C320 • C340

DIGITAL
PORTABLE
MANOMETER



Intended Use:

- Laboratory, Quality Insurance
- Service - Heating and Air Conditioning
- Clean Room Services and Maintenance

Technical Data:

Range: C300: 750...1100 hPa (750...1100 mbar) barometric air pressure
C310: -500...+500 Pa (-5...+5 mbar) pressure, vacuum differential pressure
C320: -100...+100 hPa (-100...+100 mbar) pressure, vacuum, diff. pressure
C330: -1000/+2000 hPa (-1/+2 bar) pressure, vacuum, differential pressure
C340: -1000/+5000 hPa (-1/+5 bar) pressure, vacuum, differential pressure

Units: C300: hPa - mbar - inHg - psi
C310: Pa - hPa - mbar
C320/C330/C340: hPa - mbar - inHg - psi (C330+C340 also "bar")

Accuracy: C300: ± 0.5 hPa at 25°C ± 1 hPa for 0°C < T < 50°C, long term -1hPa/year (typ.)
C310/C320/C330/C340: $\pm 0.2\%$ FS at 25°C ± 1 Digit

Resolution: C300: 0.1 hPa / other models 0.1% FS

Overpressure: C310 = 500 hPa, C320 = 200 hPa, C330 = 4 bar, C340 = 10 bar

Pressure ports: 2 x swivel nut for tube 4 x 6 mm (except barometric type C300)

Operating: ambient temperature 0...50°C

Battery type: 4 x 1.5 V (AA) Alkali-Mangan (included in standard supply)

Battery life: typ. > 100 hours (C300: typ. > 500 hours)

Dimensions: appr. 147 x 85 x 37 mm

Weight: appr. 400 gr

Functions: HOLD, MAX, MIN, AVG, DATE, TIME, AutoOFF, Display Illumination
C300: CAL1p; C310...C340: CAL1p(ZERO)/2p

Included in standard supply:

Instrument + 4 batteries 1.5 V (AA) Alkali-Mangan + Operating Manual (English/German) and test certificate acc. ISO 9001

Optional Accessories:

3120.CAS 2950	Plastic carrying case with foams for indicator with accessories Plastic carrying case with foams for indicator and vacuum generator 2941 and pressure generator 2911
TUBE	PVC-tube 4 x 6 mm per meter
BTV BT10K	Vacuum manual generator range -600/0 mmHg Pressure manual generator range 0/15 bar
FILTER	Hydrophobe Filter (gas permeable and liquid impermeable) fitting for tubes 4 x 6 mm, max. pressure 2 bar



ISO 9001
CERT. No 9115 GIU 1

GIUSSANI srl
Via Dei Crederi, 411 - 24045 Fara Gera D'Adda (Bg) Italy
Tel. 0039 0363 399019 - Fax 0039 0363 398725
www.giussanionline.it - info@giussanionline.it



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A QUESTION OF CALIBRATION