

Product Data Sheet

MP300 Series

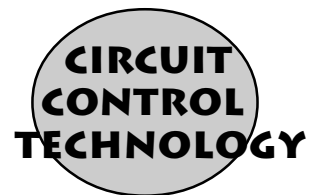
Microprocessor Manometers



MP300 and MP330 shown.

OVERVIEW

- *These hand-held units were manufactured in response to the current market needs for this type of device and utilise the very latest in microprocessor technology. The MP300 series of portable manometers are designed with ease of use and user requirements firmly in mind, this series has a variety of units specifically aimed at particular ranges and applications ensuring the right configuration is available for the job in-hand. Designed for portability, the MP300 Series are manufactured with rugged splash-proof aluminium cases, these provide maximum durability in tough environments and linked with the units 300 hour battery life make it the ideal solution for all gas and air pressure applications.*



Sequence Controls Company
Omni House, Sheene Road
Gorse Hill Industrial Estate
Beaumont Leys, Leicester, LE4 1BF
Tel: +44 (0) 116 2998000
Fax: +44 (0) 116 2998001
e-mail: info@circuitcontroltechnology.com

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Features

- Robust aluminium case
- Splashproof
- High accuracy
- Back light display
- Auto switch off
- Smoothing function
- Choice of pressure ranges
- Easy to use
- Button touch zero adjust (except MP360)

'EXTRA' VERSIONS

- Min/Max monitoring
- Display hold
- Auto range inhibit
- Choice of engineering units
eg: PSI, mbar
inH2O, inHG, mH2O, mm/cm/
mHg, kPa.

Accessories

Portable pressure kit comprising: A manometer, handpump, connecting hose, (4mm I.D. 6mm O.D.) 'T' piece and foam lined executive case (CC2).
Calibration certificate. Certificate of conformity.

Applications

Dust control engineers - air flows, pressure drops, differential pressure, wind tunnels, clean rooms
Safety managers - personal protection systems, fume cupboards, ventilation systems, tank measurement.
Combustion engineers, food, chemical/pharmaceutical processing
Research institutions, process plant management.

Technical Specifications

UNIT:

Part Number MP300 / 310 / 320 / 330 / 340A / 350 / 360.

RANGE :

| | | | | | | |
|------------|------------|-------------|-------------|-------------|------------|-----------|
| MP300 | MP310 | MP320 | MP330 | MP340A | MP350 | MP360 |
| 0-100 mbar | 0-500 mbar | 0-1000 mbar | 0-2000 mbar | 0-2000 mbar | 0-700 mbar | 0-10 mbar |
| guage | guage | guage | guage | absolute | guage | guage |

ACCURACY :

(from +20degC to +30degC) 0.1% rdg fs + 1 digit
(from -10degC to +50degC) 0.51% rdg fs + 1 digit

MAX OVER PRESSURE :

| | | | | | | |
|-----------|----------|-----------|-----------|-----------|---------|---------|
| MP300 | MP310 | MP320 | MP330 | MP340A | MP350 | MP360 |
| 1000 mbar | 2000 mba | 2000 mbar | 4000 mbar | 4000 mbar | 10 mbar | 25 mbar |
| guage | guage | guage | guage | absolute | guage | guage |

AMBIENT

OPERATING TEMP:

-10 degC to 50 degC.

BATTERY TYPE :

9V MN1604 (PP3) or equivalent.

BATTERY LIFE:

300 hrs Typical.

BATTERY WARNING :

'BAT' displayed on led screen.

CCT reserves the right to change product specifications at any time without prior notification.