



MSI P3 – Setting Standards in Pressure Measurement !



MSI P3

MSI P3 is a new, convincing product for a variety of tasks in pressure measurement.

Features

MSI P3 stands for comfortable draft-/ pressure measurement and absolutely easy operation:

- comfortable 1-key-operation
- ready to use after switch on
- digital display
- automatic change of measuring range
- configuration to requested unit (e.g. hPa or PSI)
- Battery-/ or rechargeable battery operation

Measurements

The following measurements can be taken with the MSI P3:

- Chimney draft
- Draft / Pressure
- Pressure measurement on gas fired units
- Supply pressure / Flow pressure / Nozzle pressure
- Tightness check
- Pressure loss of gases

Operation

A slight touch on the key and the instrument displays the name of the instrument followed by the range and the unit in which the results will be shown.

Depending on the measurement task connect one or two probes to the ports of the instrument and start your work.

After you have finished your measurement press the key for approx. 3 sec. – the Display shows „OFF“.

The instrument is switched off.

Special Features

The Display

The MSI P3 can later on be configured for a different measurement unit via the integrated interface. The instrument selects the optimum display-range with the best resolution automatically.

Measurement Units

The P3 can be configured to numerous measuring units e.g. mbar, hPa, PSI, m/sec. ...

Technical Data in brief:

Measurements:

pressure, differential pressure, draft, flow with Prandl-probe

Range:

automatic –25,0 mbar to +150,0 mbar
or MSI P3 1,5 bar version:
automatic –250 mbar to +1.500 mbar
off-ranges are displayed

Resolution:

automatic (0,01 mbar/0,1 mbar)
or MSI P3 1,5 bar version:
automatic (0,1 mbar/1 mbar)

Linearity:

typical 0,1 % from maximum range
± 1 digit at 150 mbar

Maximum over pressure:

± 750 mbar at 150 mbar, or
± 4 bar at 1,5 bar

Display

3 ½ digits, -LB- (Low Battery)

Power supply/Capacity:

9 VDC block battery res. rechargeable
battery, typical 80 hours operation time,
Stand-by modus (if 20 Min. < 1hPa)



Pricelist 2003 for MSI P3 and MSI T3

MSI P3 Digital Manometer

Measurement range I -25,0 ... + 150,0 mbar
Measurement range II -19,99 ... + 19,99 mbar
automatic change of measurement range



5600531

MSI P3 Digital Manometer

Measurement range I -250 ... + 1500 mbar
Measurement range II -199,9 ... + 199,9 mbar
automatic change of measurement range

5600539

MSI P3 Probe

Gas pressure probe, 1,0 m hose with quick connector for measurement of gas and flow pressure of gas burners



5600365

Draft/pressure probe, 1,5m hose



5600286

MSI T3, Digital Thermometer

MSI T3 Digital Thermometer

for NiCr-Ni thermo couples
automatic change of measurement range
Measurement range I + 200 ... + 800 °C
Measurement range II - 40,0 ... + 199,9 °C



5600594

MSI T3, Probes

Ambient air temperature probe Typ K (NiCr-Ni)

5600491

Immersion temperature probe, NiCr-Ni, class 1



5600473

Surface temperature probe, NiCr-Ni, class 1



5600472

Adapter for MSI T3, for connection of NiCr-Ni thermocouple probes with plug-connector Type K

5600611

MSI P3 und MSI T3, Accessories

Leathercase with magnet



5600535

Magnetic holder

5600536