PRESSURE MEASUREMENT
- PRESSURE & DIFFERENTIAL PRESSURE MEASUREMENT -

ECOM® DP

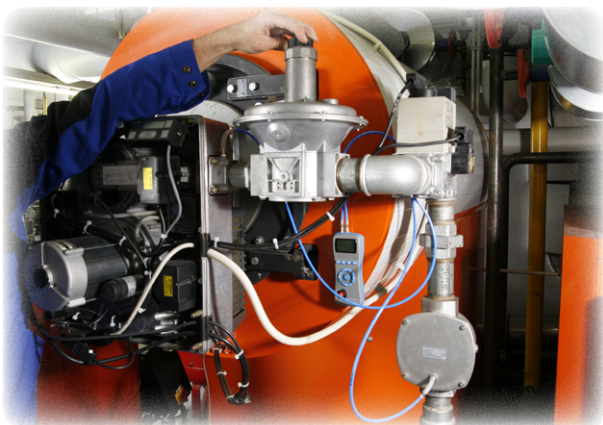**EXTREMELY precise**

EXTREMELY safe

EXTREMELY complete

- For pressure measurement in various applications
- Two sensors and measurement ranges for parallel or separate measuring
- Min./max. feature (saves the lowest and highest measured reading)
- Data hold (manual intermittent storage of a particular reading)
- Adjustable damping
- Optional measuring routines (TRGI tests, leak tests in the gas valve etc.)
- Adjustable parameters for individual tests
- Data storage and logging

ecom-DP EXTREMELY configurable.

✓	DIFFERENTIAL PRESSURE METER
✓	BASIC VERSION WITH ONE SENSOR 0-1500 hPa OPTIONAL EXTENSION WITH A 2ND PRESSURE SENSOR
✓	6 ADJUSTABLE UNITS: hPa – cmH2O – mmHg - PSI - "H2O – "Hg
✓	MIN./MAX. FUNCTION (RECORDING OF LOWEST RESP. HIGHEST MEASUREMENT VALUE)
✓	FREEZING FUNCTION (MANUAL RECORDING OF A SPECIFIC VALUE)
✓	ADJUSTABLE DAMPING
✓	DATA RECORDING AND DATA LOGGING
✓	FIXATION MAGNET ON BACK SIDE

PRESSURE MEASUREMENT
- PRESSURE & DIFFERENTIAL PRESSURE MEASUREMENT -

ecom® DP

Design ecom-DP

Connections
Pmax = 1500 hPa

IR interface
(for IR printer)

Connections (Option)
Pmax = 1500 hPa
oder Pmax = 70 hPa

Graphic display

Function keys
(current function
is shown on display)

Connection loading unit

Cursor keys

OK-key

ON/OFF key

TECHNICAL DATA ECOM-DP

Applications:	Adjustment of gas burners: • Device connecting pressure (flow pressure) • Nozzle pressure (flow pressure) • Gas operation pressure (plant pressure) • Idle pressure
Pressure sensor amount in basic version:	1 pressure sensor
• Measuring range:	0-1500 hPa
• Resolution:	0.1 hPa
• Accuracy:	± 3% of measured value
Number of optional sensors:	1 pressure sensor
• Measuring range:	0-70 hPa
• Resolution:	0.01 hPa
• Accuracy:	± 3% of measured value
Indication:	Graphic display with window approx. 43 x 28 mm Resolution 128 x 64 Pixels
Power supply:	3 customary one-way batteries 1.5V AA (Mignon) or 3 rechargeable batteries 1.2V AA NiMh (metal hydride)
Battery charging:	Battery charging and instrument operation via customary USB charger possible
Ambient temperature:	0°C to 50°C
Operation temperature:	0°C to +40°C
Positioning:	Integral magnet for positioning at metal surfaces
Data transfer:	PC software DP-Logger (download from www.ecom.de)
Dimensions:	approx. 170 x 75 x 35 mm (L x D x H)
Weight:	approx. 300 g
Delivery:	Incl. 2 PU connection hoses with quick-fitting couplings, 3 one-way batteries and operation manual

VARIANTS AT CHOICE

ECOM-DP WITH 1 SENSOR 0-1500 HPA
• With 2 PU connection hoses with quick-fitting couplings

ECOM-DP WITH 2 SENSORS 0-1500 HPA
• As 3140131 but with 4 PU connection hoses with quick-fitting couplings

ECOM-DP WITH EACH 1 SENSOR 70 AND 1500 HPA
• As 3140131 but with 4 PU connection hoses with quick-fitting couplings

TRANSPORT ACCESSORY

TRANSPORT CASE
• Material: plastics
• Foam inlay with storage compartments for ecom-DP, spare batteries, IR printer, 2 printer rolls, USB charger, hoses
• Cover foam inlay slightly swivelling to enable documents storage
• Dim.: approx. 380 x 275 x 80 mm (L x W x H)
• Weight: approx. 1.0 kg

DATA OUTPUT / TRANSFER ACCESSORY

ECOM-P, INFRARED PRINTER
For the documentation of the measured values
• Weight: approx. 350 g
• Dimensions: ca. 77 x 77,5 x 40 mm
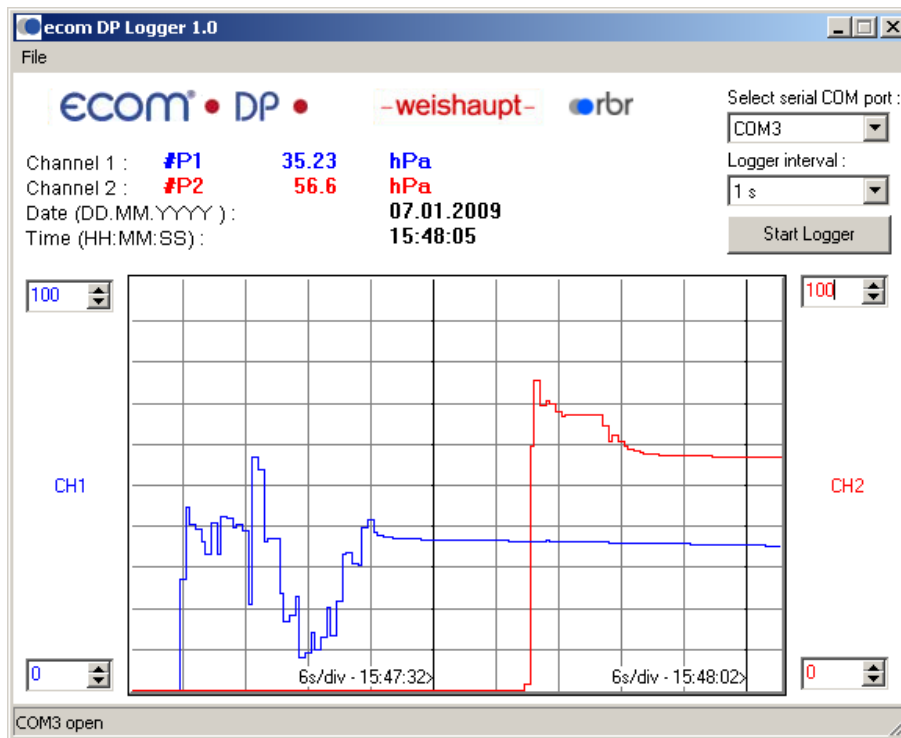• Delivered with 1 printer roll & batteries

POWER SUPPLY ACCESSORY

BATTERY 2100 MAH 1.2V AA
• For DP pressure meter, instead of one-way battery
(3 pieces needed)

Data logger program „ecom-DP Logger"

The measured value process of the ecom-DP can be logged with the help of the data logger program „ecom-DP Logger ". The program can be loaded free of charge from the download area of the rbr homepage www.rbr.de. To transfer the data a USB cable (kind becomes. - No.: 55818) and a driver (free download from www.seic.co.kr) is needed. The measured value rows can be stored in the xls format (Excel).

> ⚠ The USB cable can be used as the power supply for the ecom DP. Therefore the function „Battery loading" must be adjusted on „no" when using 1,5 V AA (Mignon) batteries!