

**ecom-DP ENGINE**

**MEASUREMENTS AND ADJUSTMENTS ON ENGINES**

- Gas pressure control ( $\pm 80$  hPa to 10 bar)
- Differential pressure measurements in the intercooler ( $\pm 20$  to 700 hPa)
- Exhaust gas overpressure measurement ( $\pm 5$  to 120 hPa)
- Differential pressure measurement in the BlowByfilter (5 to 50 hPa)
- Crank case pressure measurements ( $\pm -5$  to 100 hPa)
- Differential pressure measurements in gas heaters/gas burners (connection pressure, nozzle pressure, equipment pressure and static pressure) are also possible
- Min./max. feature (saves the lowest and highest measured reading)
- Data hold (manual intermittent storage of a particular reading)
- Adjustable damping
- Adjustable parameters for individual tests

**Product Specifications / Scope of Delivery**

- Measuring instrument with backlit graphic display
- Power supply 3 standard AA 1.5 V (Mignon) batteries
- Free download of "ecom-DP Logger" PC Software

**Accessories (amongst others)**

- Thermal printer (IR)
- Hose set - for an operating pressure of up to 1 bar (2 tubes - 13 ft each, including quick and thread coupling)
- Hose set - for an operating pressure of up to 10 bar (2 tubes - 13 ft each, including quick and thread coupling)
- Transport option (upon request)

**ecom-DP**

- 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

**Product Specifications / Scope of Delivery**

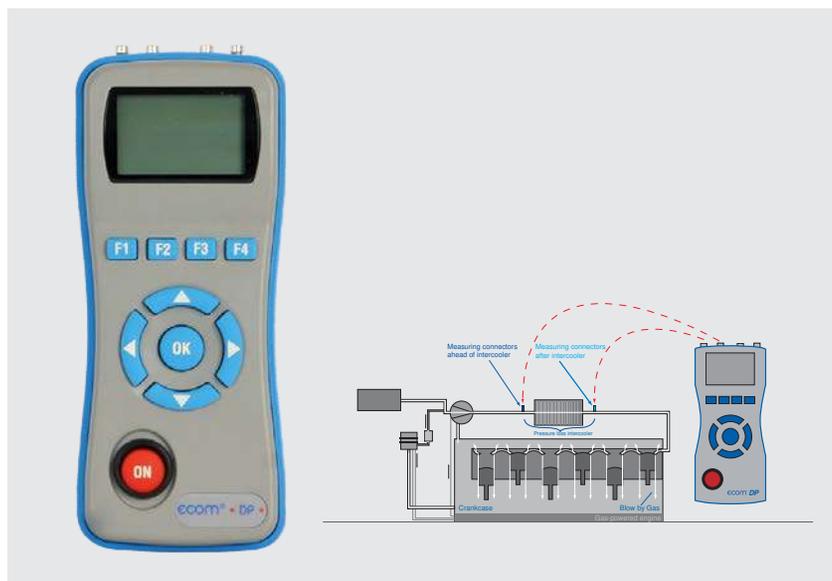
- Measuring instrument with backlit graphic display
- Power supply 3 standard AA 1.5 V (Mignon) batteries
- Free download of "ecom-DP Logger" PC software

**Options**

- Parallel temperature measurement (instead of a second pressure sensor)
- Implementation of pressure tests in accordance with TRGI (upon request)
- Leak tests in the gas valve for gas heaters/gas burners (upon request)

**Accessories**

- Thermal printer (IR)
- Plastic transport case (different options - depending on package contents)



**Dimensions (W x H x D)** approx. 7 x 3 x 1.5 in  
**Weight** approx. .5 lbs (includes batteries)

**Technical Properties**

Range	Resolution	Accuracy
0-10 bar	0,001 bar	0.5 % of the upper meas.
0-1 bar	0,1 hPa	0.3 % of the upper meas.



- Hose set - for an operating pressure of up to 1 bar (2 tubes - 4 m each, including quick and thread coupling)

**Dimensions (W x H x D)** approx. 7 x 3 x 1.5 in  
**Weight** approx. .5 lbs (includes batteries)

**Technical Properties**

Range	Resolution	Accuracy
0-1500 hPa	0,1 hPa	< 3% of the meas. value
0-70 hPa	0,01 hPa	< 3% of the meas. value