

# Hand-held pressure gauge

## EMA 200

Portable, digital pressure gauge  
with min./max. value memory



### Special features

- flow-rate measurements taken in conjunction with a pitot tube
- displays pressure and flow rate
- stores min. and max. value
- analogue output of 0 – 2 V (optional)
- can convert between Pa, kPa, mmHg

### Technical data

accuracy	0.5 % of end value
overload capacity	10 x for measurement ranges ≤ 10 kPa 2 x for measurement ranges > 10 kPa 1.2 x in the 200 kPa measurement range
air-speed calculation	$v = 1.291 \cdot \Delta p$ air-speed given in m/s and $\Delta p$ = differential pressure at pitot tube in Pa
zero point calibration	electronically by pressing zero point key
medium	air, all non-aggressive gases
display	3 1/2 digit LCD, character height = 13 mm
operating temperature	0 °C... +60 °C
storage temperature	-10 °C... +70 °C
power supply	9 V battery (display reads "low bat" when power falls below a certain minimum level) power automatically switches off after approx. 30 min.
weight	approx. 0.4 kg
pressure ports	for hose Ø 6 mm
testing	CE

measurement range	A
0 ... 200 Pa (0 ... 2 mbar)	0
0 ... 2 kPa (0 ... 20 mbar)	1
0 ... 20 kPa (0 ... 200 mbar)	10
0 ... 200 kPa (0 ... 2000 mbar)	100

other units (such as hPa, mmH<sub>2</sub>O, psi, etc.) available upon request

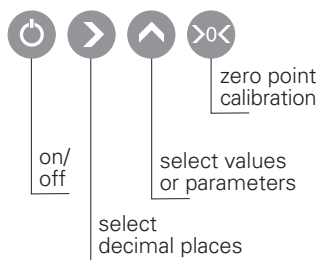
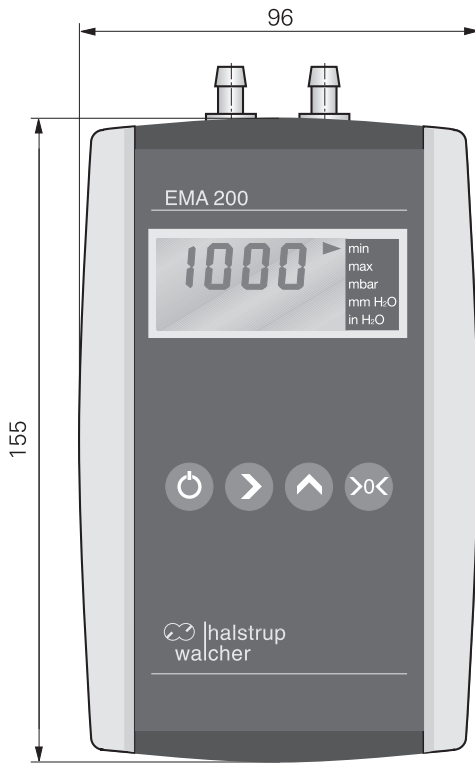
### Order key

	A
EMA 200	-

accessories	
<input type="checkbox"/> DKD calibration certificate, German	9601.-0001
<input type="checkbox"/> DKD calibration certificate, English	9601.-0004
<input type="checkbox"/> factory calibration certificate	9601.-0002

EMA 200

Dimension drawing



Connection diagram

