

## KAL 100

Pressure calibration device  
with integrated pressure generation



### Special features

- portable, i.e. suitable for on-site calibration
- automatic zero point calibration provides high zero-point stability
- quickly provides positive or negative differential pressures up to 100 kPa
- RS232 Interface (optional)
- unit conversion (e.g., mmHg, mmH<sub>2</sub>O, psi etc.)
- excellent price/performance ratio
- multilingual menu (English, German, Italian, French, Spanish)

margin of error	0.5 % of end value ± 1 digit (100 Pa measurement range) 0.2 % of end value ± 1 digit (only for 1, 10 and 100 kPa measurement ranges)
hysteresis	0.1 %
overload capacity	600 kPa for 10 kPa and 100 kPa measurement ranges 200 kPa for 100 Pa and 1 kPa measurement ranges
temperature effect (zero point)	± 0 % (cyclical zero-point correction)
temperature effect (span)	0,04 %/K (+10 °C...+50 °C)
calibration temperature	+22 °C
medium	air, all non-aggressive gases
interface	RS232 (optional)
display	alphanumeric display with 2x20 characters
operating temperature	+10 °C...+40 °C
storage temperature	-10 °C...+70 °C
power consumption	10 VA
weight	approx. 4.5 kg
pressure ports	for hose Ø 6 mm
testing	CE

### Technical data

measurement ranges	<b>A</b>
0...100 Pa (0...1 mbar)	0
0...1 kPa (0...10 mbar)	1
0...10 kPa (0...100 mbar)	10
0...100 kPa (0...1000 mbar)	100
supply voltage	<b>B</b>
230 VAC, +6 %/-15 % (50/60 Hz)	230
115 VAC, +6 %/-15 % (50/60 Hz)	115
data interface	<b>C</b>
none	0
RS232 C (optional)	1

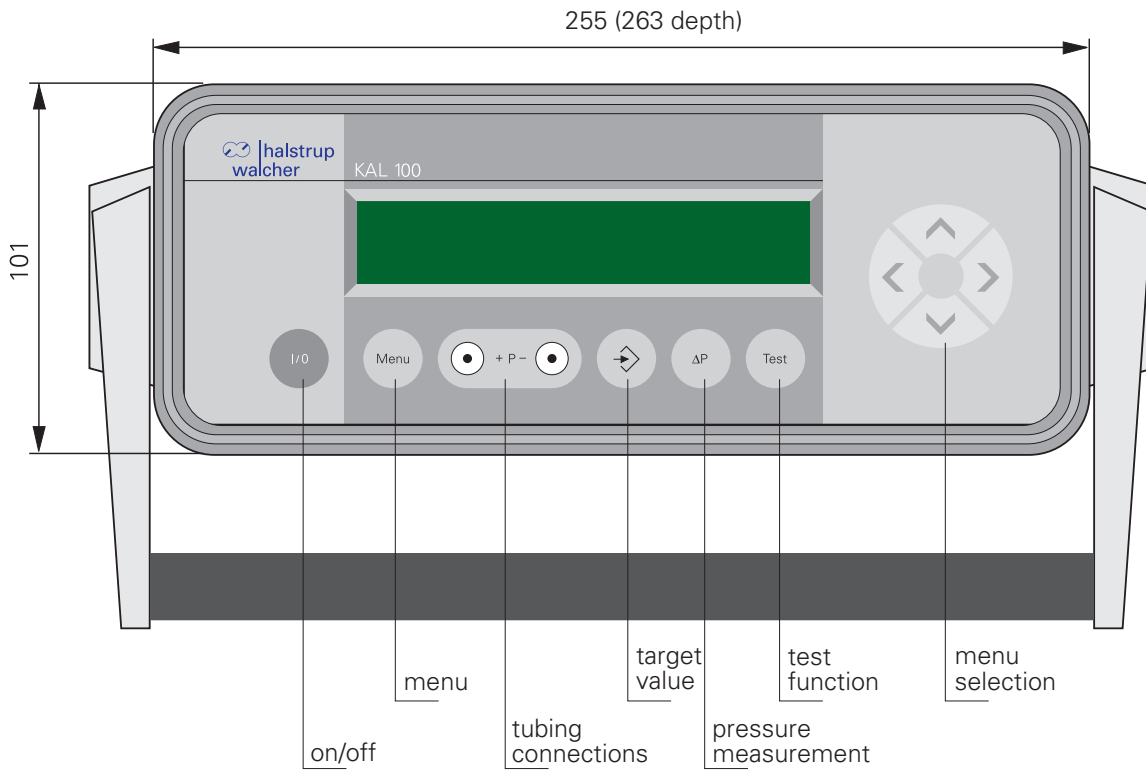
### Order key

	<b>A</b>	<b>B</b>	<b>C</b>
KAL 100	-	-	-

accessories	
<input type="checkbox"/> carrying case	9220.-0001
<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

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**Dimension drawing**



**PC connection (optional)**

**RS 232 C interface**

