

TECHNICAL DETAILS – testo 160 IAQ

Humidity - Capacitive	
Measuring range	0 to 100 %RH (non-condensing)
Accuracy	± 2.0 %RH at +25.0 and 20 to 80 %RH ± 3.0 %RH at +25.0 and < 20 and > 80 %RH ± 1.0 %RH hysteresis ± 1.0 %RH / year drift
Resolution	0.1 %RH
Absolute Pressure	
Measuring range	600 to 1100 mbar
Accuracy	± 3 mbar at +22 °C
Resolution	1 mbar
Ambient CO ₂	
Measuring range	0 to 5000 ppm
Accuracy	$\pm(50$ ppm + 3 % of mv) at 25 °C Without external power supply: $\pm(100$ ppm + 3 % of mv) at 25 °C
Resolution	1 ppm



Temperature	
Measuring range	0 to +50 °C
Accuracy	±0.5 °C
Resolution	0.1 °C
General technical data	
Dimensions	117 x 82 x 32 mm (LxWxH)
Operating temperature	0 to +50 °C
Product-/housing material	PC - ABS
Protection class	IP20
Product colour	white
Communication rate	Dependent on Cloud licence; Basic: 15 min ... 24 h / Advanced: 1 min ... 24 h
WLAN Connectivity	supported wireless LAN standards: IEEE 802.11 b/g/n and IEEE 802.1X; Possible encryption methods: WPA2 Enterprise: EAP-TLS, EAP-TTLS-TLS, EAP-TTLS-MSCHAPv2, EAP-TTLS-PSK, EAP-PEAP0-TLS, EAP-PEAP0-MSCHAPv2, EAP-PEAP0-PSK, EAP-PEAP1-TLS, EAP-PEAP1-MSCHAPv2, EAP-PEAP1-PSK, WPA Personal, WPA2 (AES), WPA (TKIP), WEP
Measuring rate	Dependent on Cloud licence; Basic: 15 min ... 24 h / Advanced: 1 min ... 24 h
Alarm function	LED (traffic light function: red, yellow, green)



General technical data	
Battery life	1 year
Display type	LCD
Power supply	4 x AA batteries 1.5 V, alternatively mains unit via USB connection
Interface	USB
Radio range	100 m
Memory	32,000 Measuring values / Sum of all channels
Storage temperature	0 to +50 °C
Weight	269 g
Dimension display	55 x 42 mm

