

Digital hand-held measuring instrument



Differential pressure module

Innovation and tradition...

characterise this ideal hand-held measuring device.

The advantages of intelligent digital technology are combined with precision mechanics and electronic accurateness.

Intelligent loading system, automatic sensor recognition, null balance, averaging and high measuring accuracy describe this universal and flexible instrument.

- economical compact solution
- sensors for flow velocity, wind velocity, rel. humidity and temperature
- averaging, for each sensor individual adjustable and storable
- fail-safe, easy handling

building services engineering • air conditioning and ventilation technology • storage • scientific laboratories • technical inspection agencies • test bed measurements

Professional Line	(9164) METEODIGIT IV	Id-No. 00.09164.000 000		
	Air flow	Wind speed	Humidity	Temperature
Measuring elements:	measuring generator or Reed contact	measuring generator	capacitive	Pt100
Measuring ranges:	0.2...40 m/s depending on sensors	1.1...90 m/s	0...100 % r. h.	-40...+85 °C
Accuracy:	± 1.5 % of meas. value	± 1.5 % of meas. value	< ± 1.5 % r. h.	< ± 0.3 °C
Display/ Resolution:	Measured value: 5 x 7-segm. 15 mm, 2 x 16-segm. 9 mm Function: 4 1/2 x 7-segm. 9 mm, 9 symbols			
Suitable conditions:	Operating temperature -10...+50 °C • sensors in part -20...+80 °C/ +150 °C			
Supply voltage:	3 AA alkaline batteries · or adapter for mains supply			
Dimensions/ Weight:	127 x 83 x 42 mm · 0.26 kg + sensor and accessories			
Accessories:	Sensors and further accessories see next page			
50.09164.002 000	(9164 K2)	Carrying case for basic unit (9164) and sensors (8163) + (14164) or (14423) or for (9163) and (14423) + (14433)+ (14143) · 400 x 90 x 320 mm · 1.5 kg		
32.09164.012 000	(9164 U12)	Adapter for mains supply		