BA06 Vane anemometer

- Development, design, production: 100 % Trotec
- Quick and easy flow rate measurement of wind, air or gases
- Display maximum and average value
- Easy one-hand operation
- Magnet vane
- Sensor-controlled display illumination in poor lighting conditions
- Automatic switch-off
- Integrated ¼ inch tripod thread
- Practice-optimized German industrial design – protected design patent

BA16 Vane anemometer

- Development, design, production: 100 % Trotec
- Quick and easy measurement of air velocity, air temperature and air volume flow (CMM)
- Maximum, minimum value and hold function
- Semi-rigid gooseneck probe of 40 cm length
- Backlit display
- Soft-touch function keys
- Automatic switch-off
- Practice-optimized German industrial design – protected design patent

BA16WP Vane anemometer

- Development, design, production: 100 % Trotec
- Quick and easy measurement of air velocity, air temperature and air volume flow (CMM)
- High-quality sensor technology and numerous measuring functions
- Intelligent combination of appSensor and The MultiMeasure Mobile app
- Maximum, minimum value and hold function
- Logging function
- Chart representation of measurement data
- Report generation
- Average value determination
- Alarm function
- Automatic switch-off
- Magnetic holder to allow for hands-free working
- Variety of further measuring and analysis functions
- Practice-optimized German industrial design – protected design patent

BA30WP Hot-wire anemometer

- Development, design, production: 100 % Trotec
- Quick and easy measurement of air velocity, air temperature and air volume flow (CMM)
- High-quality sensor technology and numerous measuring functions
- Intelligent combination of appSensor and The MultiMeasure Mobile app
- Maximum, minimum value and hold function
- Logging function
- Chart representation of measurement data
- Report generation
- Average value determination
- Extendable telescopic probe of 375 mm
- Alarm function
- Automatic switch-off
- Magnetic holder to allow for hands-free working
- Variety of further measuring and analysis functions
- Practice-optimized German industrial design – protected design patent

Overview:
Air flow meters

Technical data		BA06	BA16	BA16WP	BA30WP
Article number		3.510.205.042	3.510.205.43	3.510.206.042	3.510.206.043
Air flow rate	Measuring range	1.1 m/s up to 30 m/s 0.8 km/h up to 108 km/h 80 ft/min up to 5.900 ft/min 0.9 mph up to 67 mph 0.8 kn up to 58 kn	1 m/s up to 30 m/s 3.6 km/h up to 108 km/h 196 ft/min up to 5,900 ft/min 2.2 mph up to 67 mph 1.9 kn up to 58 kn	0.6 m/s up to 30 m/s 2.2 km/h up to 108 km/h 118 ft/min up to 5,905 ft/min 1.3 mph up to 67 mph 1.2 kn up to 58 kn	0 m/s up to 30 m/s 0 km/h up to 108 km/h 0 ft/min up to 5,900 ft/min 0 mph up to 67 mph 0 kn up to 58 kn
	Accuracy	±(3 % + 0.3 m/s) ±(3 % + 1 km/h) ±(3 % + 40 ft/min) ±(3 % + 0.4 mph) ±(3 % + 0.4 kn)	±(3 % + 0.2 m/s) ±(3 % + 0.8 km/h) ±(3 % + 40 ft/min) ±(3 % + 0.4 mph) ±(3 % + 0.4 kn)	±(3.5 % + 0.2 m/s) ±(3.5 % + 0.7 km/h) ±(3.5 % + 39 ft/min) ±(3.5 % + 0.4 mph) ±(3.5 % + 0.4 kn)	±(5 % + 0.1 m/s) at < 5 m/s ±(5 % + 0.3 m/s) at ≥ 5 m/s
	Resolution	0.01 m/s; 0.1 km/h; 1 ft/min; 0.1 mph; 0.1 kn	0.01 m/s; 0.1 km/h; 1 ft/min; 0.1 mph; 0.1 kn	0.1 m/s; 0.1 km/h; 1 ft/min; 0.1 mph; 0.1 kn	0.01 m/s; 0.1 km/h; 1 ft/min; 0.1 mph; 0.1 kn
Volumetric flow	Measuring range	–	0 m³/min up to 999.9 m³/min (CMM)	–	–
	Resolution	–	0.1 m3/min (CMM)	–	–
Temperature	Measuring range	–	-10 °C up to 60 °C / 14 °F up to 140 °F	-20 °C up to 60 °C / -4 °F up to 140 °F	-20 °C up to 60 °C / -4 °F up to 140 °F
	Accuracy	–	±1.5 °C / ±3 °F	±0.8 °C (at < 0 °C) ±0.5 °C (at ≥ 0 °C)	±0.8 °C (at -20 up to 0 °C) ±0.5 °C (at 0 up to 60 °C)
	Resolution	–	0.1 °C / 0.1 °F	0.1 °C / 0.1 °F	0.1 °C / 0.1 °F
Humidity	Measuring range	–	–	0 % RH up to 100 % RH	0 % RH up to 99.9 % RH
	Accuracy	–	–	±3.5 % RH (at 20 % up to 80 % RH) ±5 % RH (at 0 % up to 20 % and 80 % up to 100 % RH)	±3.5 % RH (at 20 % up to 80 % RH) ±5 % RH (at 0 % up to 20 % and 80 % up to 100 % RH)
	Resolution	–	–	0.1 % RH	0.1 % RH
Gooseneck probe		–	Length approx. 40 cm	–	–
Telescopic probe		–	–	–	Length approx. 170 up to 375 mm
Data interface		–	–	Bluetooth 4.0	Bluetooth 4.0
Power supply		1 x 9 V block battery	1 x 9 V block battery	3 x 1.5 V, AAA	3 x 1.5 V, AAA
Dimensions		167 mm x 34 mm x 56 mm	165 mm x 32 mm x 54 mm	22 mm x 43 mm x 158 mm	22 mm x 36 mm x 320/555 mm
Weight		139 g	270 g	122 g	122 g
Functions		BA06	BA16	BA16WP	BA30WP
MultiMeasure Mobile App necessary		–	–	■	■
MultiMeasure Mobile App compatible		–	–	■	■
Minimum value display		–	■	■	■
Maximum value display		■	■	■	■
Average value display		■	–	■	■
Hold function		–	■	■	■
Long-term measurement function		–	–	–	■
Measuring units		m/s, km/h, ft/min, mph, kn	m/s, km/h, ft/min, mph, kn, m³/min (CMM)	m/s, km/h, m³/min, ft/min, ft³/min, mph, kn	m/s, km/h, m³/min, ft/min, ft³/min, mph, kn
Sensor-controlled display illumination		■	–	–	–
¼ inch tripod thread		■	–	–	–
Switching function °C/°F		–	■	■	■
Representation of measurement data as chart or table		–	–	■	■
Data export		–	–	■	■
Report generation function		–	–	■	■
Backlit LCD display		–	–	–	–
Backlit display		–	■	–	–
Alarm function		–	–	■	■
Extendable telescopic probe		–	–	–	■
Automatic switch-off		■	■	■	■
Battery status indication		–	–	■	■
Scope of delivery		BA06	BA16	BA16WP	BA30WP
Battery(-ies)		■	■	■	■
Bag/Holster		■	–	–	–
Storage case		–	■	–	–
Magnetic holder		–	–	■	■
Wrist strap		–	–	■	■
Optional accessories		BA06	BA16	BA16WP	BA30WP
Universal tripod		6.300.000.200	–	–	–
Combination bracket with universal clamp		6.300.000.201	–	–	–
Bag for WP-appSensors		–	–	3.510.206.090	3.510.206.090