

Volumetric flow anemometer



GVA 0430

Volumetric flow anemometer, cpl. in case, incl. RS232 interface cable and software

General:	
<ul style="list-style-type: none"> • flow rate • volumetric flow • temperature 	
Application:	
Ventilation and air conditioning technology, meteorology, water sport, air gliding, etc.	
Specification:	
Meas. ranges:	
Flow rate:	0.40 m/s ... 30.00 m/s
Temperature:	-10.0 ... +50.0 °C
Resolution:	0.01 m/s resp. 0.1 °C
Accuracy: (at nominal temperature = 25 °C)	
Flow rate:	±2 % FS
Temperature:	±0.6 °C
Meas. probes:	vane probe, 70 mm rotor-Ø and precision-NTC
Meas. interval:	1 meas. / s
Display:	2-line LCD display, 37 x 42 mm
Working temperature:	-10 ... +50 °C
Relative humidity:	0 ... +95 % RH (non-condensing)
Storage temperature:	-10 ... +50 °C
Interface:	serial interface RS232
Special function:	averaging of 8 meas. points, averaging throughout meas. time, volumetric flow calculation, hold function, min./max. value memory
Power supply:	9 V-batteries, type IEC 6F22 (included) or via external power supply
Operating time:	100 hours (with alkaline)
Low battery warning:	display blinking
Automatic-Off-function:	device switches off automatically after 20 minutes. Permanent mode possible.
Housing dimensions:	device: 183 x 76 x 45 mm (W x H x D), probe: 155 x 75 x 42 mm (W x H x D)
Weight:	approx. 350 g (meas. device and probe) approx. 1.05 kg (cpl. in case)
Accessories and spare parts:	
GNG 8901 power supply	

Flow speed measuring device



TA 888 N

Thermal anemometer complete set in case, incl. software

General:	
<ul style="list-style-type: none"> • high accuracy • smallest and slow air flows measurable • slimline telescopic probe 	
Application:	
Classic application of the TA 888 N is flow measurement in ventilation ducts. Due to its high resolution of 0.01 m/s even smallest changes of the flow velocity can be easily and fast detected. The sensor's small dimensions ensure measurements yet in thin tubes and confined spaces. Further applications are function and dirt checks of filters and exhaust ducts as well as measurements of room air velocity, e.g. for workspace checks.	
Specification:	
Measuring range:	
Flow:	0.10 m/s ... 15.00 m/s
Temperature:	0.0 ... +50.0 °C
Resolution:	
Flow:	0.01 m/s
Temperature:	0.1 °C
Accuracy:	
Flow:	0 ... 1 m/s ±0.25 m/s 1 ... 5 m/s ±0.5 m/s 5 ... 10 m/s ±1.0 m/s 10 ... 15 m/s ±2.0 m/s
Temperature:	±1 °C
Display:	LCD display
Meas. interval:	approx. 0.8 s
Working temperature:	0 ... 50 °C
Relative humidity:	0 ... 80 % RH
Dimensions:	- Housing: 210 x 75 x 50 mm (H x W x D) - Telescopic probe: extendable up to 1150 mm (incl. handle), Ø 10 mm - Cable: 2 m
Weight:	approx. 275 g (only measuring device) approx. 1800 g (complete set in case)
Scope of supply: measuring device, battery, probe, case, power supply, USB cable, software	
Accessories and spare parts:	
Calibration certificate (10 points) (without device)	
DKD-certificate (10 points) (without device)	

Phonometer



GSH 8922

Phonometer with analog output, backlight display, cpl. in case

General:	
Compensation of the background-noise for measuring sound-sources in the fore-ground. Weighting of the sound level via two weighting-filters according to the IEC standard. Assignment of the max/min value during one measuring period.	
Specification:	
Measuring ranges:	30 - 130 dB (6 ranges) 30 - 80, 40 - 90, 50 - 100, 60 - 110, 70 - 120, 80 - 130 dB manual or automatic selection of range
Resolution:	0.1 dB
Accuracy:	±1.5 dB
Norms:	ANSI S1.4 and IEC 651 Typ 2
Frequency rate weighted:	31.5 Hz - 8 kHz
Evaluation weight filter:	2, selectable
Type A:	evaluation of the spectrum in accordance with the perceptive faculties of the human ear. (Sound insulation establishment, environmental analysis)
Type C:	linear evaluation of spectrum (sonic-analysis of engines or machines)
Weight of time factor:	fast or slow
Microphone:	6 mm Electret condensator microphone
Display:	3½-digit LCD-backlight display, additionally quasi-analog bar graph
Analog output:	AC: 0.707 Vrms, DC: 10 mV DC / dB
Working temperature:	4 ... +50 °C
Relative humidity:	10 ... +90 % RH
Storage temperature:	-20 ... +60 °C
Interface:	RS232, (2400BD8N1)
Power supply:	9 V-batteries, type IEC 6F22 (included) or via external 9 V power supply
Operating time:	20 hours (with alkaline)
Housing:	256 x 80 x 38 mm (H x W x D)
Weight:	approx. 240 g (device)