

Digital Thermo-Anemometer is an extremely useful instrument for the measurement of air velocities and air temperature. This instrument can measure accurate air velocity. The instrument comes with a vane type probe which can measure air velocity in venting systems, air conditioning and heating systems.



9048

FEATURES

- ▶ Optical (contact-free) and mechanical measurement.
- ▶ Measurement of revolution, speed, length.
- ▶ Display of the last value, the maximum value, or the minimum value on the screen.
- ▶ Auto power off approximately 30 seconds (data remaining in memory).
- ▶ Display of measured values in metre, feet and inches.
- ▶ Large LCD, display, Low Battery warning.
- ▶ Data hold facility.

DESCRIPTION

Digital Tachometer allows the user to measure the exact rotation velocity of a rotating part in an easy, accurate and safe way. The instrument allows four different measurement methods. Further more, the Tachometer allows the selection of modes via a push button for revolution, speed and length measurement in various, international units. Reflectors are attached to the object being measured during optical measurement. The visible, red modulated light beam is directed on the reflector.

TECHNICAL SPECIFICATION

Display	: LCD 5 digits
Measuring Ranges / Resolution	
Revolution	: 1 to 99 999 per min.
Velocity	: 0.1 to 1 999 m/min. 0.3 to 6500 ft/minute 4 to 78 000 in/minute
Tolerance	: $\pm 0.2\%$
Measurement Time	: 0.55 sec / 1 Period for low revolution
Meas. Distance	: max. 350 mm
Power Supply	: 2 batteries 1.5 V, IEC, LR6
Dimensions	: 180 x 60 x 25 mm



93460

FEATURES

- ▶ For measurement of air velocities upto 45 Metre/Second.
- ▶ Temperature measurement from 0°C to 60°C.
- ▶ Measurement possible in °C and °F
- ▶ Data Hold.
- ▶ Optional display in m/s, ft/min, knots, km/h.
- ▶ Maximum hold for temperatures.

APPLICATIONS

Particularly suitable for air velocity measurements in venting systems, air conditioning systems and heating systems.

TECHNICAL SPECIFICATION

Display	: LCD, 3½ digits
Measuring Ranges/Resolution	
Meter/Sec.	: 0.3 to 45 (0.1)
Knot	: 0.6 to 88 (0.1)
Feet/Minute	: 60 to 8800 (10)
Km/Hour	: 1 to 140 (0.1)
Tolerance	: $\pm 3\%$
Temperature Range	
°C	: 0 to 60(0.1)
°F	: 32 to 140 (0.1)
Tolerance	: $\pm 0.8\%$
Power Supply	: 1 x 9 V, IEC 6LR61
Dimensions	: 168 x 90 x 32 mm
Weight	: approx. 350 g

UNIT CONVERSION TABLE

	m/s	ft/min	knots	km/hr	mph
1 m/s	1	96.87	1.944	3.60	2.24
1 ft/min	0.00508	1	0.00987	0.01829	0.01138
1 knot	0.5144	101.27	1	1.8519	1.1523
1 km/hr	0.2778	54.69	0.54	1	0.6222
1 mph	0.4464	87.89	0.8679	1.6071	1