

MULTI-ELECTRONIC DIGITAL ANALYSERS

1. THERMO-ANEMOMETER

ITE-8060

THERMOMETER & ANEMOMETER
 For AIR VELOCITY & TEMPERATURE TESTING

FEATURES

- Sensitive and accurate (ultra low friction ball bearing).
- Ergonomic and easy-to-use design.
- Read while measuring (up two metres remote vane).
- Large **17 mm** (⁵/₈") **LCD Digits** (Liquid Crystal Display).
- Telephone coiled style cable for Vane: **2 metres**.
- Low power consumption. Built in low battery indicator.
- Data hold function. Maximum hold for temperature.
- Vane dimensions: **66 mm x 133 mm x 30 mm**. Weight: **140 g**.
- Meter dimensions: **88 mm x 168 mm x 27 mm**. Weight: **210 g**.

SPECIFICATIONS

- Temperature sensor: "K" type thermocouple (built-in vane).
- Meter operating temperature: **0°C to +50°C** (+32°F to +122°F).
- Vane operating temperature: **0°C to +60°C** (+32°F to +140°F).
- Operating humidity: Less than **80 %** (Relative Humidity).
- Operating pressure: **500 mbar to 2 bar**.
- Storage temperature: **-40°C to +60°C** (-40°F to +140°F).
- Battery included, type: **9 V** (50 hours life for 300 mA/h).
- With carrying case.

AIR VELOCITY READINGS:

m/s: metre per second
ft/min: feet per minute
knots: nautical miles per hour
km/h: kilometre per hour
mph: miles per hour

AIR SPEED MEASUREMENT AVERAGING PERIOD:

m/s: 0,6 sec. (approx.).
ft/min: 1,2 sec. (approx.).
knots: 1,2 sec. (approx.).
km/h: 2,2 sec. (approx.).
mph: 1,4 sec. (approx.).

| UNITS | RANGE | RESOLUTION | ACCURACY | THRESHOLD |
|--------|-----------|------------|--------------|-----------|
| m/s | 0 to 45 | 0,1 | ± 3 % or 0,1 | 0,3 |
| ft/min | 0 to 8800 | 10 | ± 3 % or 10 | 60 |
| knots | 0 to 88 | 0,1 | ± 3 % or 0,1 | 0,6 |
| km/h | 0 to 140 | 0,1 | ± 3 % or 0,1 | 1,0 |
| mph | 0 to 100 | 0,1 | ± 3 % or 0,1 | 0,7 |

TEMPERATURE RANGE READINGS:

| UNITS | RANGE | RESOLUTION | ACCURACY |
|-------|---------------|------------|----------|
| °C | 0 to 60,0 | 0,1 | ± 0,8°C |
| °F | 32,0 to 140,0 | 0,1 | ± 1,5°F |



LEGEND:

- 1 "ON-OFF" push button
- 2 Data hold button
- 3 Max. value hold button
- 4 Function selection switch
- 5 Units selection switch
- 6 Units symbols of velocity
- 7 Units symbols of temperature
- 8 Battery low symbol
- 9 Max. hold symbol
- 10 Data hold symbol
- 11 Error symbol
- 12 Vane