

OPERATION MANUAL

ANEMOMETER ADAPTER

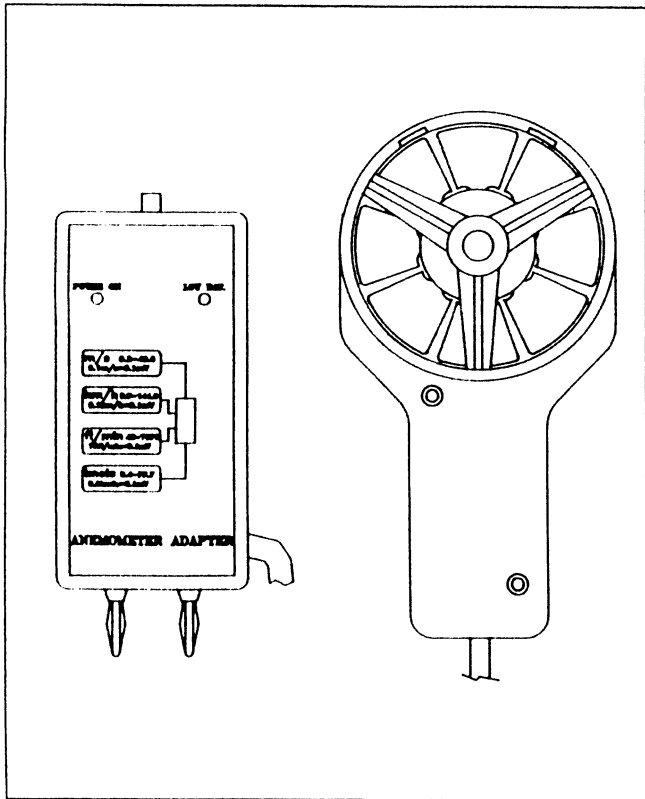


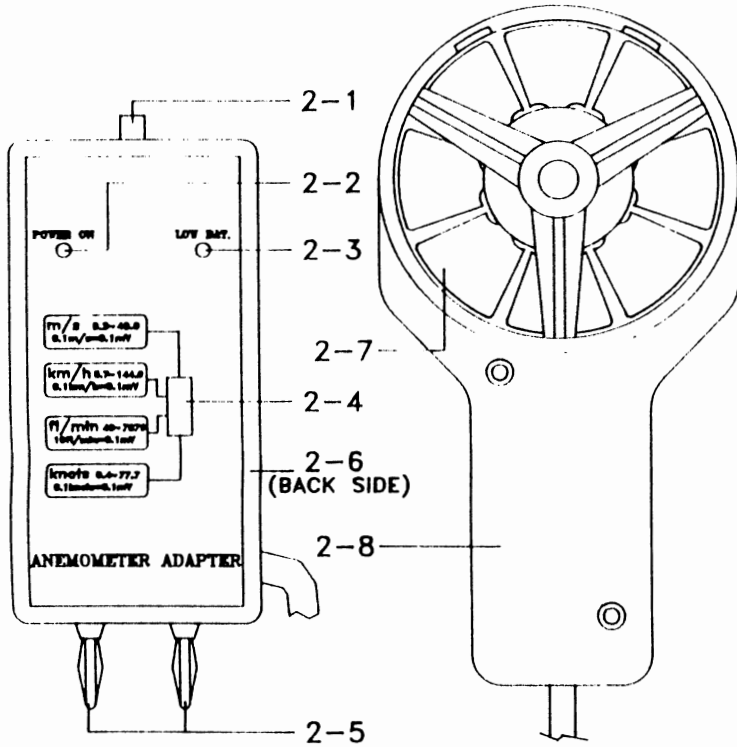
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1 . S P E C I F I C A T I O N S

Range	: 0.2 - 30.0 m/s, 0.7 - 108.0 km/h, 80 - 5910 f/min, 0.8 - 58.3 knots.
Output	: m/s - 1 mV per 1 m/s. km/h - 1 mV per 1 km/h. f/min - 1 mV per 100 f/min. knots - 1 mV per 1 knots.
Accuracy ≤ (25 m/s)	: m/s - ± (2% + 0.1 mV) km/h - ± (2% + 0.3 mV) f/min - ± (2% + 0.2 mV) knots - ± (2% + 0.2 mV)
Sensor Structure	: Conventional twisted vane arms & low-friction ball-bearing design.
Battery	: 006P DC 9V battery (heavy duty type).
Power Failure	: Build in low battery indicator.
Operating Temp.	: 0°C to 50°C (32°F to 122°F).
Operating Humidity	: Max. 90% RH (0°C to 35°C).
Dimension	: Main insreument: 100x50x25mm (3.9x2.0x1.0 inch). Sensor Head: Round, 72 mm Dia.
Standard	: Instruction Manual.....1 pc.
Accessories	: Sensor probe.....1 pc.
Application	: To match DMM 200mV range be used as an ANEMOMETER to check air conditioning & heating systems, measure air velocities, wind speeds...etc.

2. FRONT PANEL DESCRIPTIONS



2-1 Power On/Off Switch

2-2 Power Indicator

2-3 Low Battery Indicator

2-4 Function Switch

2-5 Output Plugs

2-6 Battery Compartment/Cover

2-7 Sensor Head

2-8 Sensor Handle

3 . OPERATION PROCEDURES

Connect the Output Plugs(2-5, Fig.1) to the volts(Hi) & com(Lo) input terminals of your MULTIMETER(voltmeter). Select the desired range of MULTIMETER to DC 200 mV range .

Consideration :

- a. Do not use autoranging MULTIMETER.
- b. The input impedance of external MULTIMETER(voltmeter) should be 10 M Ω at least.

4 . BATTERY REPLACEMENT

- (1) When the Low Battery Indicator(2-3, Fig.1) lights, it indicate a normal battery output of less than 6.5 V - 7.5 V
It is necessary to replace the battery, However in-spec measurement may still be made for several hours after Low Battery Indicator appears before the instrument become inaccurate.
- (2) Open the Battery Cover (2-6. Fig 1), and remove the battery.
- (3) Replace with 9V battery (heavy duty type) and reinstate the cover.