

Instructions

The Laser 6905 is a Digital Anemometer and Thermometer used for measurement of wind speed and temperature. Can be used to measure air flow, for example, to check efficiency of dust and fume extraction devices, heating and air-conditioning systems, etc.

It is handheld, pocket sized and ideal for outdoor enthusiasts. Thus it is perfect for:

- Hang gliding
- Windsurfing
- Kite surfing, kite flying
- Sailing, surfing
- Paragliding
- Shooting
- Mountaineering

The LCD display has an automatic back-light, making the data easy to read in a dark environment. Wind speed is measured in metres per second, kilometres per hour, feet per minute, knots or miles per hour. CE certificated, RoHS compliant.

Controls:

Refer to Figs. 1 & 2:

A	Wind speed sensor fan
B	Power Switch
C	Mode selector button
D	Wind speed unit selector button
E	LCD Display
F	Light Sensor
G	Temperature Sensor
H	Tripod Mount
I	Battery (9 volt PP3)
J	Battery Door

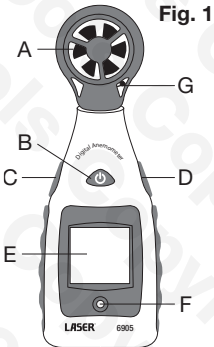


Fig. 1

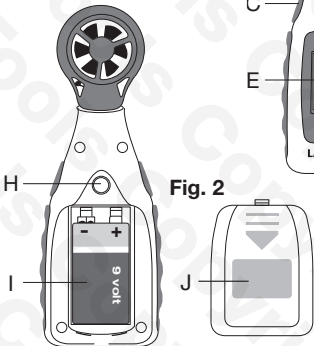


Fig. 2

LCD Display Symbols:

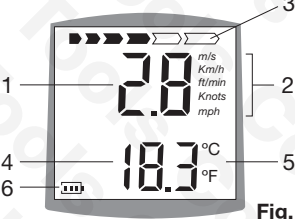


Fig. 3

1	Wind speed value
2	Measurement unit
3	Visual wind speed indicator
4	Temperature value
5	Measurement unit (°C or °F)
6	Battery indicator

Operation:

Refer to Fig. 2: Before using the device, open the battery door (press down in direction of arrow) and install the 9V PP3 battery. When battery indicator (5 in Fig. 3) shows battery is low (zero bars) then replace battery. Using the device with a weak battery readings may show incorrect

1. Switch the device ON by pressing the power switch (B).

2. Press wind speed unit selection metres per second, kilometres per knots or miles per hour. button (B), to select hour, feet per minute,
3. Temperature unit selection: press mode selector button (C) for approximately 3-4 seconds to switch from °C to °F. mode selector button
4. Wind speed reading mode: press mode selector button (C) to select MAX (maximum wind speed measured); press again to select AVG (average wind speed measured); press again to return to normal reading mode.
5. You can measure wind speed and temperature levels by holding the instrument in your hand, or mounting on a tripod. Refer to H in Fig. 2 for position of tripod mount.

Additional Functions:

- Automatic back-light: when there is a low light environment, the sensor (F) will detect this and switch on the LCD display back-light.
- The device will automatically power off after 10 minutes. Use power switch (B) to turn off directly.
- Visual wind speed indicator (3 in Fig. 3): offers an easily read visual indicator of increase in wind speed.

Specifications:

Accuracy:

Wind Speed: +/- 5%
Temperature: +/- 2% °C or 3.6% °F

Measuring range:

M/Sec: 0-30
Ft/Min: 0-5860
Knots: 0-55
Km/Hr: 0-90
MPH: 0-65

Temperature:

°C: -10°C to +45°C
°F: 14°F to 113°F

Operating Temperature range: -10°C to +45°C (14°F – 113°F)

Storage Temperature: -40°C to +60°C (40°F – 140°F)

Maintenance:

- Do not store or operate the instrument at high temperatures or in conditions of high humidity, dampness or condensation.
- If the instrument is not to be used for a long period, remove the battery to avoid harmful leakage.
- Keep instrument dry and avoid severe vibration.
- Protect the instrument from electromagnetic fields and static electricity.

Precautions:

- Do not let untrained persons use the instrument.

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