



# DOSTMANN MS 82 Anemometer Instruction Manual

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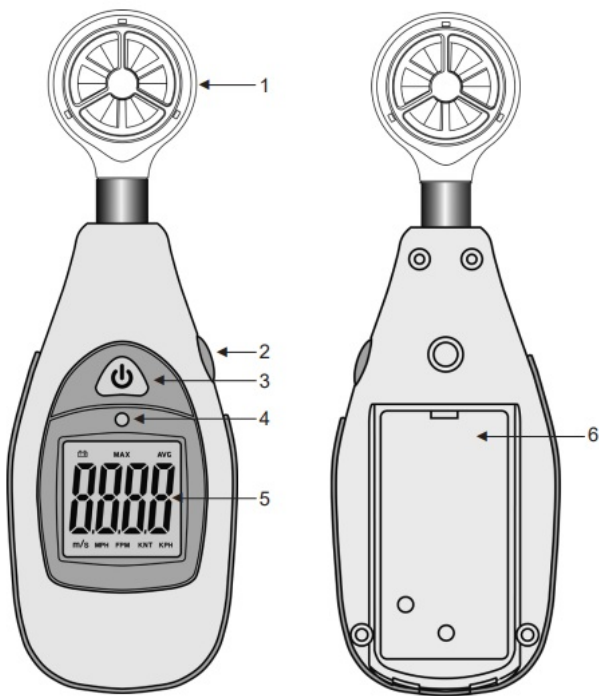
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## DOSTMANN MS 82 Anemometer Instruction Manual



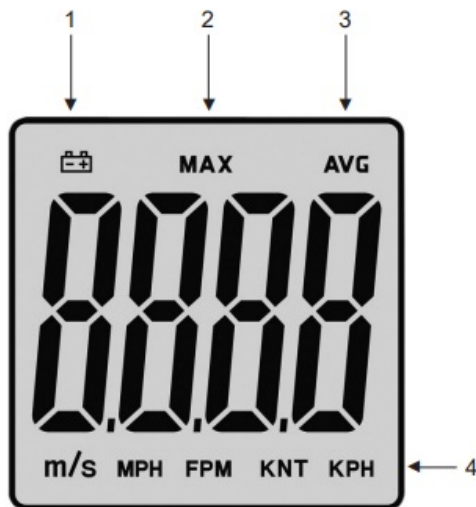
### Description of the unit



1. Fan
2. MAX/AVG button
3. Power ON/OFF button
4. Auto Backlight

5. Display
6. Batteriefach

## Display



1. Low-Power Display
2. MAX Display
3. AVG Display
4. UNITS Display

MAX: Max Hold function engaged for the Air velocity function.

AVG: air averaging mode

M/S, FPM, KPH,

MPH, KNT: Air velocity units of measure

Low battery indicator

## Start-up the unit

**Insert the battery.**

Open the battery cover and insert the 9 volt battery according to the correct polarity.

### Power

Press the power button to turn power on or off.

## Taking measurements

1. Hold the probe in the area to be
2. Allow adequate time for readings to
3. Pressing the MAX/AVG button toggles the display between maximum velocity and averaging velocity.
4. Hold down the MAX/AVG three second, you can enter the air velocity unit conversion mode loop.
5. If it appears, battery should be replaced with new

## Automatic Power OFF

Meter automatically shuts down after approx. 30 minutes of inactivity (Sleep Mode). To override Auto Power Off function (Non-Sleep Mode), firstly press the MAX/MIN button and hold, then press power button, after the display appears, release both buttons. Icon “ ” will not shown on the LCD. The unit will not auto power off now.

## Replacing the battery

### Specifications

Air Velocity	Range	Resolution
M/S (meters per sec)	0.4 – 25.00 m/s	0.01 m/s
KPH (kilo-meters/hour)	0.8 – 90.0 km/h	0.1 km/h
FPM (feet per minute)	80 – 4920 ft/min	1 ft/min
MPH (miles per hour)	0.9 – 56.0 mph	0.1 mph
KNT (nauti- cal MPH)	0.8 – 48.5 knots	0.1 knots

Sampling rate: 1 reading per second approx.

Automatic Power off: Auto shut off after 15 minutes to preserve battery life It is neccessary to replace the battery when the battery symbol appears. Open the battery case on the rear side. Insert a new alkaline battery. Connect the battery with the correct polarity with the battery-clip. In order to avoid leaking batteries replace weak

Operating Temperature:

Storage Temperature: 32 to 122°F (0 to 50°C) 14 to 140oF (-10 to 60oC) batteries asap. In case of leaking batteries use gloves and goggles for personal protection.

Operating Humidity: <80% RH Storage Humidity: <80% RH

Operating Altitude: 2000 meters (7000ft) maximum

Dimensions/Weight: 165 (L) x 54 (W) x 34 (H) mm/

139g including battery & probe

## Unit of Measure Conversion Table

	1 M/S	1 FPM	1 KNT	1 KPH	1 MPH
1 M/S	1	196.87	1.944	3.6	2.24
1 FPM	0.00508	1	0.00987	0.01829	0.01138
1 KNT	0.5144	101.27	1	1.8519	1.1523
1 KPH	0.2778	54.69	0.54	1	0.6222
1 MPH	0.4464	87.89	0.8679	1.6071	1

rechargeable batteries for environmentally friendly disposal at retailers or appropriate collection points in accordance with national or local regulations. The return service is free of charge. You can obtain addresses of suitable collection points from your city council or local authority.

The names for the heavy metals contained are: Cd = cadmium, Hg = mercury, Pb = lead. Reduce the generation of waste from batteries by using batteries with a longer lifespan or suitable rechargeable batteries. Avoid littering the environment and do not leave batteries or battery-containing electrical and electronic devices lying around carelessly. The separate collection and recycling of batteries and rechargeable batteries make an important contribution to relieving the impact on the environment and avoiding health risks.

**WARNING!** Damage to the environment and health through incorrect disposal of the batteries!

## Maintaining the unit

Clean it with a soft damp cloth. Do not use solvents or scouring agents.

## General provisions

## Explanation of symbols



This sign certifies that the product meets the requirements of the EEC directive and has been tested according to the specified test methods.

## Disposal

This product and its packaging have been manufactured using high-grade materials and components which can be recycled and reused. This reduces waste and protects the environment. Dispose of the packaging in an environmentally friendly manner using the collection systems that have been set up.



**Disposal of the electrical device:** Remove non-permanently installed batteries and rechargeable batteries from the device and dispose of them separately. This product is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE). This product must not be disposed of in ordinary household waste. As a consumer, you are required to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal. The return service is free of charge. Observe the current regulations in place!



**Disposal of the batteries:** Batteries and rechargeable batteries must never be disposed of with household waste. They contain pollutants such as heavy metals, which can be harmful to the environment and human health if disposed of improperly, and valuable raw materials such as iron, zinc, manganese or nickel that can be recovered from waste. As a consumer, you are legally obliged to hand in used batteries and

## DOSTMANN electronic GmbH Mess- und Steuertechnik

Waldenbergweg 3b

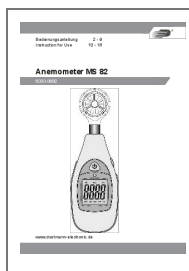
D-97877 Wertheim-Reicholzheim Germany

Phone: +49 (0) 93 42 / 3 08 90

E-Mail: [info@dostmann-electronic.de](mailto:info@dostmann-electronic.de) Internet: [www.dostmann-electronic.de](http://www.dostmann-electronic.de)

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## References

- [www.dostmann-electronic.de](http://www.dostmann-electronic.de)