

Mini-anemometer



Product Code: VTA782



Klipspringer

Compliance with confidence

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1.0 INTRODUCTION

- 1.1 The VTA782 instrument measures Air Velocity. Advanced features include Auto Power Off, and MAX/AVG reading. As with all Instruments the correct use is an essential requirement for accurate measurement results. Please read the manual thoroughly before use.
- 1.2 Following the instruction manual for use will prevent damage to the device and loss of your statutory rights arising from defects due to incorrect use. We shall not be liable for any damage occurring as a result of not following these instructions.
- 1.3 Please take particular note of the safety advice! Please look after this manual for future reference.

2.0 CAUTION

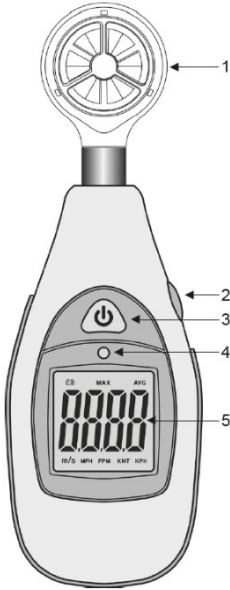
- 2.1 Use the device only for purposes for which it is intended.
- 2.2 Keep this instrument and the battery out of reach of children.
- 2.3 Do not drop the instrument. Protect the instrument against shock or vibration. Note the storage conditions.
- 2.4 Do not immerse the instrument into water or other liquids.
- 2.5 Do not use the device when the instrument or part of the instrument is damaged, please contact www.Klipspringer.com

3.0 FEATURES

- 3.1 Resolution 0,1 m/s.
- 3.2 Range 0,40025 m/s.
- 3.3 Air velocity units of measure: m/s, F/pm, Km/h, Mp/h, Knots
- 3.4 Max-Avg-indication.
- 3.5 Auto Power Off, Disable Sleep Mode
- 3.6 Light sensitive backlight.

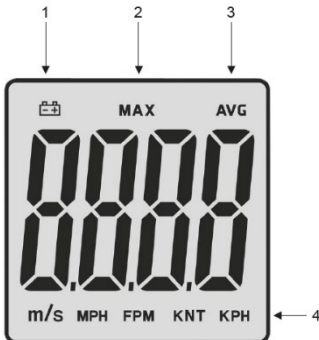
4.0 DESCRIPTION OF UNIT

4.1 Press the °C/°F button situated inside the battery compartment to change between °C (Celsius) or °F (Fahrenheit) as temperature unit.



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

5.0 DISPLAY



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

6.0 OPERATION

- 6.1 Press the power button to turn power on or off
- 6.2 Hold the probe in the area to be tested.
- 6.3 Allow adequate time for the reading to stabilise.
- 6.4 Pressing the MAX/AVG button toggles the display between maximum velocity and averaging velocity.
- 6.5 Hold down the MAX/AVG for three seconds, you can enter the air velocity unit conversion mode loop.
- 6.6 Automatic Power OFF, Meter will automatically shut down after approx. 30 minutes of inactivity. (Sleep mode). To override Auto Power Off function (Non- Sleep Mode), first press the MAX/MIN button and hold, then press power button, after the display appears, release both buttons. Icon "☺" will not show on the LCD. The unit will not now auto power off.

7.0 BATTERIES

- 7.1 It is necessary to replace the battery when the battery symbol appears. Open the battery case on the rear side. Insert a new 9v battery. Connect the battery with the correct polarity with the battery-clip. In case of leaking batteries use gloves and goggles for a personal protection.

8.0 SPECIFICATIONS

| AIR Velocity | Range | Resolution |
|-----------------------|------------------|-------------------|
| M/S (meters per sec) | 0.4 -25.00 m/s | 0.01 m/s |
| KPH (kilometers/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 (nautical MPH) | 0.8 – 48.5 knots | 0.1 knots |

8.1

| | |
|----------------------|----------------------------------|
| Sampling rate: | 1 reading per second approx. |
| Operating: | 32 to 122°F (0 to 50°C) |
| Storage Temperature: | 14 to 140°F (-10 to 60°C) |
| 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 |

8.2 Unit of Measure Conversion Table

| | 1M/S | 1 FPM | 1 KNT | 1KPH | 1 MPH |
|--------------|-------------|--------------|--------------|-------------|--------------|
| 1 M/S | 1 | 196.87 | 1.944 | 3.6 | 2.24 |
| 1 FPM | 0.00508 | 1 | 1.00987 | 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 |

9.0 CLEANING

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

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