**TRACEABLE® ANEMOMETER/ THERMOMETER INSTRUCTIONS**

**SPECIFICATIONS**

- **Display:** 1/2" 4-digit, 2-line LCD
- **Range:**
  - **Air Velocity**
    - Feet/min, mph or knots
    - ft/m or m/s
    - Bath temperature
- **Accuracy:**
  - **Anemometer:** ±3% of full scale
  - **Thermometer:** ±0.1° (for both °F and °C)
- **Features:**
  - ABS plastic case, chemical & shock resistant
  - Extra-large digits for easy readings in difficult locations
  - Single hand operation
  - Display updates instantaneously
  - Memory button permits recalling highest and lowest readings
  - HOLD button freezes the display at the current reading
  - AVERAGE button allows from 2 to 8 readings to be averaged automatically
  - Single point air velocity measurement for minimum, maximum and average readings
  - Continuous moving average air velocity measurement
  - Auto power off function
  - Non-sleep mode (bypass auto power off)
  - Unit selectable (Imperial/Metric): ft/min, mph, knots / m/s, km/hr, knots
  - Supplied with RS-232 external output jack to connect directly to a computer
- **Weight:** 7.3 oz

**FEATURES**
- ABS plastic case, chemical & shock resistant
- Extra-large digits for easy readings in difficult locations
- Single hand operation
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- Memory button permits recalling highest and lowest readings
- HOLD button freezes the display at the current reading
- AVERAGE button allows from 2 to 8 readings to be averaged automatically
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- Auto power off function
- Non-sleep mode (bypass auto power off)
- Unit selectable (Imperial/Metric): ft/min, mph, knots / m/s, km/hr, knots
- Supplied with RS-232 external output jack to connect directly to a computer
- RS-232 interface setting

**BUTTONS/DISPLAY/INDICATORS**

1. **ON-OFF/RESET button**
2. **HOLD button** - freezes the display
3. **AVERAGE MULTI-POINT button** - computes average for multipoint readings
4. **SEL: MIL/H KNOT button** - Selects required air velocity units
5. **MN/MX REC SINGLE-POINT button** - selects minimum, maximum and average air velocity for a single point reading.
6. **Primary display** - Air velocity
7. **Secondary display** - Temperature display or indicator for number of multipoint readings in Multi-Point mode
8. **“vel” indicator - always on for air speed measurement**
9. **“HOLD” indicator - indicates display is frozen**
10. **“knobs”** - Nautical miles per hour = 1850 meters per hour = 1.15 miles per hour
11. **“n” indicator - appears at lower left hand corner**
12. **“m” indicator - appears at lower right hand corner**
13. **Continuous Moving Average**
14. **Minimum/Maximum/Average Reading**

**AIR VELOCITY MEASUREMENTS**

- ft/min, mph or knots
- ft/m or m/s
- "n" indicator appears on display. Release HOLD button. The “HOLD” indicator should disappear.

**NOTE:** Not pressing the HOLD button retains the display in freeze mode.

**OPERATIONAL DIFFICULTIES**

1. If the display is flashing or there is no display when switched on, change the battery (see Battery Replacement section).
2. If the display indicates an “E6” reading, the related circuits or parts of thermistor have failed (see Warranty, Service, or Recalibration section).
3. If the unit’s fan will not turn this indicates that the sensor fan is damaged (see Warranty, Service, or Recalibration section).
4. If the unit does not function properly for any reason, other than those listed above, replace the battery with a new high-quality battery (see Battery Replacement section). Low battery power can occasionally cause any number of apparent operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

**BATTERY REPLACEMENT**

- Erratic readings, a faint display, a flashing display or no display are all indicators that the battery must be replaced. To replace the battery, remove the screw from the lower panel on the back of the unit. Lift the panel out and remove the exhausted battery and replace with a new 9-volt alkaline battery and replace the cover. Replacement battery Cat. No. 1112.

**WARRANTY, SERVICE, OR RECALIBRATION SECTION**

For warranty, service, or recalibration, contact: Control Company

4455 Rex Road
Friendswood, TX 77546 USA
Ph. 281-482-1714
Fax 281-482-9448
E-mail sales@control3.com
www.control3.com

Control Company is ISO 9001 Quality-Certified by DNV and ISO 17025 accredited as a Calibration Laboratory by A2LA.

Cat. No. 4331
Traceable® Anemometer/Thermometer Instructions
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