**OPERATION**

1. Turn the meter on by pressing the POWER button.
2. Take the desired measurements.
3. Turn the meter off by pressing and holding the POWER button when the meter emits a continuous beep. To preserve battery life, always turn the meter off when not in use.

**SELECTING °F OR °C (Temperature/Dew Point)**

1. Press the HOLD/ESC button to “freeze” the display at the current reading. “HOLD” will appear at the top of the display.
2. Each press of the FUNC/SEND button will toggle the top display between showing Humidity (“%RH” appears) and Dew Point Temperature (“Dew” appears). Temperature will always appear at the bottom of the display.

**SELECTING HUMIDITY OR DEW POINT DISPLAY**

1. Press and hold the SET button until “℃” or “℉” appears at the bottom of the display.
2. Release the SET button “℃” or “℉” will appear at the top of the display.
3. Press the REC/ENTER button. “℃” or “℉” will appear at the top of the display.
4. Press the FUNC/SEND button to select the desired unit of measure (1°C = 1°F). Note: When pressing the FUNC/SEND button, “℃” or “℉” will not change at the bottom of the display.
5. With the desired value on the display, press the REC/ENTER button to confirm and save the selection.
6. Press the HOLD/ESC button to return to the measurement display.

The unit of measure selected will be the default unit of measure for both temperature and dew point until it is reset.

**HOLD FUNCTION**

The hold function allows the readings on the display to be “frozen” so that they may be recorded.

1. Press the HOLD/ESC button to “freeze” the display at the current reading. “HOLD” will appear at the top of the display.

**REAL-TIME DATA OUTPUT**

The meter features a computer output via 3-pole 3.5 mm jack on one end (plugs into the PC's serial port) and connector on the other end (plugs that will output the current display readings in real-time. The meter features a computer output via 3-pole 3.5 mm jack on one end (plugs into the PC's serial port) and connector on the other end (plugs that will output the current display readings in real-time.

**RECORD MODE (Min/Max Memories)**

While in the Record Mode, the maximum and minimum readings for Humidity or Dew Point (depending on the display mode) will be recorded. The automatic Shutoff feature is disabled so that low battery power can occasionally cause a number of “apparent” operational difficulties. Replacing the battery with a new, high-quality battery will solve most difficulties.

**BATTERY REPLACEMENT**

An erratic display, faint display, no display, or a battery icon appearing on the display are all indicators that the battery needs replacement. Remove the battery compartment screws. Lift out the battery compartment. Remove the exhausted battery and replace it with a new 9 volt alkaline battery. Replace the battery compartment and tighten the screws securely.

**WARRANTY, SERVICE, OR RECALIBRATION**


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

**OPTIONAL ACCESSORIES**

Cat. No. 4237 - Data Acquisition System

Accessory Powerful and easy to use computer data capture/data logging program works with Traceable® Instruments with computer output. Records interval readings from 1 to 10,000 seconds; displays minimum/maximum readings; and utilizes an alarm mode that permits the user to be notified visually, audibly, and by email when an alarm is triggered. Data is stored to a file that can be printed in any report or spreadsheet format. Networking server/client capability allows the captured data to be monitored on a remote workstation and/or by email. It is designed to work with Windows® 95/Me/NT/2000/XP/Vista. Includes a CD, a 6-foot cable (supplied USB and serial connections) that plugs into the instrument and computer. Accessory extension cables expand cable length to 300 feet.

While in the hold mode, pressing the REC/ENTER, FUNC/SEND, or SET buttons will have no affect and will not change the “frozen” reading.

2. Once the reading has been recorded, press the HOLD/ESC button to return the display to the current reading. “HOLD” will no longer appear on the display.

**REAL-TIME DATA OUTPUT**

The meter features a computer output via 3-pole 3.5 mm plug that will output the current display readings in real-time. An lead with a 3-pole 3.5 mm jack on one end (plugs into “RS 232 OUT”) and a 9-pin female D-Sub miniature connector on the other end (plugs into the PC’s serial port) will be required to link the instrument with a PC. The output is a 16-digit data stream that may be utilized by accessory item 4237 (See the “Optional Accessories” section) or by user specific applications.

**ALL OPERATION DIFFICULTIES**

If this meter does not function properly for any reason, replace the battery with a new, high-quality battery (see the “Battery Replacement” section). Low battery power can occasionally cause a number of “apparent” operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

**ACCESSORY **

Cat. No. 4237 - Data Acquisition System

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