



## DSP1000 Digital Psychrometer

The DSP1000 provides fast, accurate measurements for analysis of critical environmental conditions.

- Temperature
- Humidity
- Fast Response
- Dual Display
- Max Hold
- No Twirling
- No Reading Charts
- No Water Necessary

### Features

- Fast Response Time
- High Accuracy
- Temperature
- Humidity
- Dewpoint Temperature
- Wet Bulb Temperature
- Max Hold
- Data Hold Function
- Micro Processor-based Design
- Dual Display Temperature & Humidity
- Auto Power Off (Disable Sleep Mode)
- Backlight
- 1 Year Warranty

### Applications

- Cellophane
- Chemical
- Laboratory
- Pharmaceuticals
- Textile
- Paper
- Photographic
- Printing
- Snowmaking
- Tobacco
- Indoor Air Quality
- Wine Storage
- Floral
- Meat

### Specifications

| RANGE                 |  |
|-----------------------|--|
| Humidity              | 0-100% RH (Non-Condensing)                                       |
| Temperature           | -22°F to 212°F (-30°C to 100°C)                                  |
| Dewpoint Temperature  | -22°F to 212°F (-30°C to 100°C)                                  |
| Wet Bulb Temperature  | 32°F to 176°F (0°C to 80°C)                                      |
| ACCURACY              |  |
| Humidity              | ±2% RH (20% RH to 80% RH)<br>±2.5% RH (all other ranges)         |
| Temperature           | ±0.9°F/±0.5°C (at 77°F/25°C)<br>±1.5°F/±0.8°C (all other ranges) |
| Resolution            | 0.01% RH, 0.01°F/0.01°C  |
| Response Time         | 10s (90% at +77°F (+25°C) still air)                             |
| Battery Type          | 9V Battery NEDA 1604, IEC 6F22 (included)                        |
| Operation Temperature | 32°F to 104°F/0°C to 40°C (<80%RH)                               |
| Storage Temperature   | 14°F to 140°F/-10°C to 60°C (<70%RH)                             |
| Size (H X W X D)      | 8.86" X 1.77" X 1.34" (225mm X 45mm X 34mm)                      |
| Weight                | 7.05oz (200g)  |