

## TECHNICAL DATA

### Features

- Simultaneous display of %RH, temperature and dew point or wet bulb
- Optional external probe (87P6) for contact/differential temperature measurement
- Max/Min/Avg readings
- Fast response
- Data Hold Function
- User selectable °F/°C
- Low battery indicator and auto shut-off
- Includes batteries

### Specifications

#### Temperature

Measuring Range: -4 to 158°F (-20 to 70°C)  
Accuracy: ±1.0°F (0.6°C)  
Resolution: 0.1°F/°C

#### Contact Temperature (Probe sold separately)

Measuring Range: -4 to 122°F (-20 to 50°C)  
Accuracy: ±1.0°F (0.6°C)  
Resolution: 0.1°F/°C

#### Dew Point

Measuring Range: -109 to 122°F (-78 to 50°C)  
Resolution: 0.1°F/°C

#### Wet Bulb

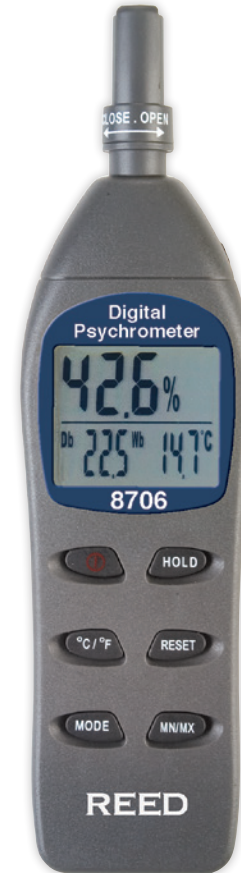
Measuring Range: -69 to 122°F (-21 to 50°C)  
Resolution: 0.1°F/°C

#### Humidity

Measuring Range: 0-100% RH  
Accuracy: ±3% RH  
Resolution: 0.1% RH

#### General Specifications

Display: LCD  
Data Hold: Yes  
Min: Yes  
Max: Yes  
Auto Shut-off: Yes (5 mins/off)  
Low Battery Indicator: Yes  
Power Supply: 2 AAA Batteries  
Product Certifications: CE  
Operating Temperature: -4 to 158°F (-20 to 70°C)  
Storage Temperature: 14 to 140°F (-10 to 60°C)  
Operating Humidity Range: 10-80%  
Dimensions: 7 x 1.9 x 1" (179 x 48 x 25mm)  
Weight: 3.3 oz (95g)



### 8706-KIT

Psychrometer with Humidity  
Calibration Standards

Includes:  
8706 Digital Psychrometer and R9980  
Humidity Calibration Kit (33% and 75%)

Model	Description
8706	Digital Psychrometer
87P6	External Temperature Probe
R9933	33% Humidity Calibration Standard
R9975	75% Humidity Calibration Standard
R9980	Humidity Calibration Kit
CA-52A	Soft Carrying Case
8706-KIT	Psychrometer with Humidity Calibration Standards
8706-NIST	Digital Psychrometer & NIST