

# Digital Pocket Thermometers & Hygrometers

Taylor pioneered the development of thermistor-based pocket digital thermometers. Proven to be the best in accuracy, response time and durability our product line continues to be the choice of professionals.



**1415**  
Thermometer Hygrometer

- Range 32/122 °F, 0/50 °C
- Humidity range 2-98%
- Min/Max memory for temperature & humidity
- C/F selectable
- Portable, clip and carry pouch included



**9840**  
Digital Thermometer

- Range -58/302 °F
- On/Off switch to extend battery life
- One second update
- Durable stainless steel stem



**9841**  
Extended Range Thermometer

- Range -58/500 °F, -50/260 °C
- On/Off switch to extend battery life
- One second update
- Durable stainless steel stem
- F/C selectable



**9845**  
Slim Waterproof Thermometer

- Range -58/302 °F, -50/150 °C
- On/Off switch with auto shut-off
- Stainless steel stem
- Hold feature
- Waterproof construction



**9846**  
Big Read, Long Runtime Thermometer

- Range -40/450 °F, -40/230 °C
- Reinforced stainless steel stem
- Extended runtime with AAA battery
- Waterproof construction



**9865**  
Heavy Duty Lab Thermometer

- Range -60/300 °F
- On/Off switch to extend battery life
- One second update
- Reinforced stainless steel stem



**9878**  
Deluxe Lab Thermometer

- Range -58/500 °F, -50/260 °C
- Max/Min memory
- Slim stainless steel stem
- Recalibratable
- One or ten second update

# Digital Pocket Thermometer Specifications:

## Model 1415

**Temperature Range:** 32/122°F, 0/50°C  
**Humidity Range:** 2/99% RH  
**Temperature Accuracy:** ±2°F between 32/104°F, ±1°C between 0/40°C  
**Humidity Accuracy:** ±5% RH for between 40-80% RH & temperature between 59/104°F (15/40°C)  
**Temperature Resolution:** 0.1°F, 0.1°C  
**Humidity Resolution:** 1% RH  
**Temperature LCD:** .122"H digits  
**Humidity LCD:** .224"H digits  
**Response Time:** 10 seconds  
**Temperature Update Interval:** 10 seconds  
**Humidity Update Interval:** 1 second  
**Battery:** 2 1.5v alkaline, LR-44 or equivalent (included)

## Model 9841

**Range:** -58/500°F, -50/260°C  
**Accuracy:** ±1.8°F between -14/212°F, remaining range ±3.6°F, ±1°C between -10/100°C, remaining range ±2°F  
**Resolution:** -19/199.9°F = 0.1°, remaining range = 1.0°  
**LCD:** .28"H digits  
**Stem Length:** 5" Stainless Steel  
**Response Time:** 10 seconds  
**Update Interval:** 1 second  
**Battery:** 1.5v alkaline, SR-44 or equivalent (included)

## Model 9846

**Range:** -40/450°F, -40/230°C  
**Accuracy:** ±1.8°F between -14/212°F, remaining range ±3.6°F, ±1°C between -10/100°C, remaining range ±2°F  
**Resolution:** -19/199.9°F = 0.1°, remaining range = 1.0°  
**LCD:** .350"H digits  
**Stem Length:** 3.375" Reinforced Stainless Steel  
**Response Time:** 10-15 seconds  
**Update Interval:** 1 second  
**Battery:** AAA alkaline

## Model 9878

**Range:** -28/500°F, -50/260°C  
**Accuracy:** ±4.5°F (2.5°C) between -58/-4°F (-50/-20°C)  
 ±3.6°F (2.0°C) between -4/32°F (-20/0°C)  
 ±1.8°F (1.0°C) between 32/140°F (0/60°C)  
 ±3.6°F (2.0°C) between 140/212°F (60/100°C)  
 ±5.4°F (3.0°C) between 212/302°F (100/150°C)  
 ±6.3°F (3.5°C) between 302/392°F (150/200°C)  
 ±7.2°F (4.0°C) between 392/500°F (200/260°C)  
**Resolution:** -19/199.9°F = 0.1°, remaining range = 1.0°  
**LCD:** .219"H digits  
**Stem Length:** 4.75" Slim Stainless Steel  
**Response Time:** 10 second  
**Update Interval:** 1 or 10 seconds  
**Battery:** 1.5v silver oxide size 76 or equivalent

## Model 9840

**Range:** -58/302°F  
**Accuracy:** ±1.8°F between 14/212°F, remaining range ±3.6°F  
**Resolution:** -19.9/199.9°F = 0.1°, remaining range = 1.0°  
**LCD:** .28"H digits  
**Stem Length:** 5" Stainless Steel  
**Response Time:** 10 seconds  
**Update Interval:** 1 second  
**Battery:** 1.5v alkaline, SR-44 or equivalent (included)

## Model 9845

**Range:** -58/302°F, -50/150°C  
**Accuracy:** ±1.8°F between -14/212°F, remaining range ±3.6°F, ±1°C between -10/100°C, remaining range ±2°F  
**Resolution:** -19/199.9°F = 0.1°, remaining range = 1.0°  
**LCD:** .290"H digits  
**Stem Length:** 4.75" Stainless Steel  
**Response Time:** 10 second  
**Update Interval:** 1 second  
**Battery:** 1.5v alkaline, SR-44 or equivalent

## Model 9865

**Range:** -60/300°F  
**Accuracy:** ±1.8°F between 32/140°F, remaining range ±3.6°F  
**Resolution:** -19/199.9°F = 0.1°, remaining range = 1.0°  
**LCD:** .2"H digits  
**Stem Length:** 4.69" Stainless Steel  
**Response Time:** 10 seconds  
**Update Interval:** 1 or 10 seconds  
**Battery:** 1.5v silver oxide size 393 or equivalent

## Features Matrix:

	1415	9840	9841	9845	9846	9865	9878
<b>C/F Switch</b>	●		●	●	●		●
<b>On/Off Switch</b>	●	●	●	●		●	●
<b>Auto Shut-off</b>				●			●
<b>Min/Max Memory</b>	●						●
<b>Hold</b>				●			
<b>Recalibration</b>							●
<b>Waterproof</b>				●	●		

# Pocket Test Thermometers

## Digital Pocket Thermometers and Hygrometers



### 9840 Digital Thermometer

- 58° to 302°F
- Stainless Steel Stem
- On/Off Switch for Long Battery Life
- Free Spare Battery Included
- Ten-Second Update
- 0.1° Resolution up to 199.9°F

### 9841 Extended Range Digital Thermometer

- Same as 9840 except:
- 58° to 500°F or -50° to 260°C
  - F/C Switchable



### 9878 Deluxe Lab Thermometer

- 58° to 500°F or -50° to 260°C
- Recalibrateable
- F/C Switchable
- Max/Min Memory
- Stainless Steel "Slim Stem"
- 0.1°F Resolution



### 1415 Thermometer Hygrometer

- 32° to 122°F or 0° to 50°C
- 2% to 99% RH
- Max/Min Memory for Temp. and Humidity
- Temp Resolution: 0.1°F or °C
- Humidity Resolution: 1% RH
- Batteries, Belt Clip and Pouch Included



### 9845 Slim Waterproof Thermometer

- 58° to 302°F or -50° to 150°C
- Waterproof With Stainless Steel Stem
- Hold Feature
- Auto Shut Off
- F°/C° Selectable
- 0.1° Resolution up to 199.9°F

## 1" Dial Bitherms®



- Standard Grade: 1 point calibration
- Superior Grade: 3 point calibration
- 5" slim stem
- Plastic Pocket Case can be Used as a Handle and Recalibration Wrench
- Superior Shock Protection
- All Stainless Steel External Parts
- Hi-visibility Dial Graphics
- Unbreakable Polycarbonate Crystal
- Patented Recalibration Feature
- NSF listed

### Standard Grade

3621	0° to 220°F	NSF, Antibacterial Sleeve
6092-1	0° to 220°F	NSF
6092L	0° to 220°F	GloTherm
6096-1	-40° to 160°F	
6096L	-40° to 160°F	GloTherm

### Superior Grade

6072-1	0° to 220°F	NSF, Antibacterial Sleeve
6076-1	-40° to 160°F	NSF, Antibacterial Sleeve

## Glass Pocket Thermometers

Taylor pocket thermometers are made with lens type tubing which magnifies the liquid column for improved readability under all conditions. Thermometers are mercury-filled or red Permacolor™ liquid-filled for reading in poor light, and are calibrated for total immersion. All graduations and numerals are made with the Taylor exclusive Permark® pigment to ensure they won't rub off.

All thermometers measure 5½" long. A snap-on pocket case with clip and built-in, hold-on tap, with eyelet for easy suspension, comes with each thermometer.

Note: Tubes are cemented into caps of plastic cases and cannot be replaced. Blue DELRIN® pocket cases have use limits of -70 to 255°F. Refill tubes are available for metal case thermometers.



### 21410-2

#### Refillable Metal Case Glass Pocket Thermometer

- 30° to 120°F
- Mercury
- 2° Divisions

### 21412-2

#### Refillable Metal Case Glass Pocket Thermometer

- 50° to 120°F
- PermaColor
- 2° Divisions

### 21418-2

#### Refillable Metal Case Glass Pocket Thermometer

- 0° to 220°F
- Mercury
- 2° Divisions

### 21420-2

#### Refillable Metal Case Glass Pocket Thermometer

- 0° to 220°F
- PermaColor
- 2° Divisions

Refer to IN008 for more information on Digital Pocket Thermometers and Hygrometers.

Refer to IN009 for more information on Bitherms®.