



# Pocket Digital Thermometers

## APPLICATIONS

### HVACR

- Ambient Air
- Calibrate Thermostats
- Vents
- Compressor Heads
- Registers

### FOOD

- Grill & Surface Temperatures
- Serving Temperatures

### ELECTRICAL

- Motor Temperatures
- Transformer Temperatures

Turn over for technical information and accessory part numbers.

**The Value Leader™**

## Convenient



- **310** shown
- Reversible head for best viewing
- Easy-to-read LCD
- Data Hold for hard to reach areas
- Auto power off



### 310 FEATURE

#### Reverse LCD to gain best viewing angle

Insert small coin into notch and gently pry while turning head to new 180° viewing position. Shielded wires keep head and stem from separating. Head easily snaps back into original position.

## Accurate



- **312** shown
- 312 is water resistant for use in damp or wet environments
- 314 is water proof
- Quick response
- Easy insertion into "Pete's" plugs with smallest diameter (3.1mm)
- Data Hold for hard to reach areas
- Auto power off
- **323**: with chisel tip
- **326**: with needle tip
- **329**: with contact tip, no sheath
- **330**: with "Hi temp" chisel tip

### TPI 306, 307

#### FEATURES

- Compact and convenient
- Easy-to-read, large LCD
- Auto power off



- Data hold for hard to reach areas
- Optional rubber boot offers protection from drops
- **306** with penetration tip
- **307** with needle tip

## Affordable

**3-YEAR LIMITED WARRANTY**



- **315** shown
- Rugged design withstands a 10' drop
- Magnetic clip perfect for air duct applications
- Water resistant
- Auto power off
- Low battery indicator
- 3.1mm diameter stem for "Pete's" plug
- **317** with air tip
- **318** with chisel tip
- **319** with contact tip

### Accessories

#### A306

Protective Rubber Boot for the 306 and 307



#### A368C3

Pouch to carry the 368 and a 315 type thermometer



### Probe Tips

#### Penetration



Use for immersion and air; air response time will be slower than if using an actual air probe.

#### Chisel



Need chisel tip for surface temperatures. Penetration and/or air tips will not give an accurate surface reading.

#### Air



Samples air temperatures three times faster than penetration or contact tips.

#### Contact



Measures three times faster than chisel tip.

visit us at [www.tpi-thevalueleader.com](http://www.tpi-thevalueleader.com)



# Pocket Digital Thermometers

## TECHNICAL SPECIFICATIONS AND ACCESSORIES

- Digital Multimeters
- Clamp Meters
- Hand-held Oscilloscopes
- Refrigerant & Combustible Gas Leak Detectors
- Temperature Testers
- BNC Coax Cable Connectors
- Test Leads
- Accessories

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| FEATURES         | 306*                                                    | 307*    | 310         | 312         | 314         | 315         | 317     | 318     | 319     | 323     | 326     | 329     | 330     |
|------------------|---------------------------------------------------------|---------|-------------|-------------|-------------|-------------|---------|---------|---------|---------|---------|---------|---------|
| Water Resistant  | •                                                       | •       |             | •           | •           | •           | •       | •       | •       | •       | •       | •       | •       |
| Water Proof      |                                                         |         |             |             |             |             |         |         |         |         |         |         |         |
| Tip Type         | penetration                                             | needle  | penetration | penetration | penetration | penetration | air     | chisel  | contact | chisel  | needle  | contact | chisel  |
| Stem Length      | 4.9"                                                    | 4.9"    | 4.9"        | 4.9"        | 4.9"        | 2.8"        | 2.8"    | 2.8"    | 2.8"    | 4.9"    | 4.9"    | 4.9"    | 4.9"    |
| Data Hold        | •                                                       | •       | •           | •           | •           | •           | •       | •       | •       | •       | •       | •       | •       |
| °C/°F Switchable |                                                         |         | •           | •           | •           | •           | •       | •       | •       | •       | •       | •       | •       |
| Range            |                                                         |         |             |             |             |             |         |         |         |         |         |         |         |
| Min. Temp°F      | -40°F                                                   | -40°F   | -58°F       | -58°F       | -58°F       | -58°F       | -58°F   | -58°F   | -58°F   | -58°F   | -58°F   | -58°F   | -58°F   |
| Min. Temp°C      |                                                         |         | -50°C       | -50°C       | -50°C       | -50°C       | -50°C   | -50°C   | -50°C   | -50°C   | -50°C   | -50°C   | -50°C   |
| Max. Temp°F      | 300°F                                                   | 300°F   | 300°F       | 300°F       | 300°F       | 300°F       | 300°F   | 300°F   | 300°F   | 300°F   | 300°F   | 550°F   | 550°F   |
| Max. Temp°C      |                                                         |         | 150°C       | 150°C       | 150°C       | 150°C       | 150°C   | 150°C   | 150°C   | 150°C   | 150°C   | 288°C   | 288°C   |
| Accuracy         |                                                         |         |             |             |             |             |         |         |         |         |         |         |         |
| °F               | 1%                                                      | 1%      | ±2°F        | ±2°F        | ±2°F        | ±2°F        | ±2°F    | ±2°F    | ±2°F    | ±2°F    | ±2°F    | ±2°F    | ±2°F    |
| °C               |                                                         |         | ±1°C        | ±1°C        | ±1°C        | ±1°C        | ±1°C    | ±1°C    | ±1°C    | ±1°C    | ±1°C    | ±1°C    | ±1°C    |
| Resolution       | 0.1°C                                                   | 0.1°C   | 0.1°F/C     | 0.1°F/C     | 0.1°F/C     | 0.1°F/C     | 0.1°F/C | 0.1°F/C | 0.1°F/C | 0.1°F/C | 0.1°F/C | 0.1°F/C | 0.1°F/C |
| Auto Off         | •                                                       | •       | •           | •           | •           | •           | •       | •       | •       | •       | •       | •       | •       |
| Sample Time      | 1.5sec                                                  | 1.5sec. | 1.5sec.     | 1.5sec.     | 1.5sec.     | 1.5sec.     | 1.5sec. | 1.5sec. | 1.5sec. | 1.5sec. | 1.5sec. | 1.5sec. | 1.5sec. |
| Battery          | All TPI Digital Pocket Thermometers use an LR44 battery |         |             |             |             |             |         |         |         |         |         |         |         |

\*C versions also available 306X and 307X

## Distributed By:



To learn about the entire line of TPI products visit:

**www.tpi-thevalueleader.com**

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## FAQ

### How do I check calibration of my pocket thermometer?

Place thermometer in a solution of crushed ice and water, swirl the water around and temperature should read close to 32°F.

### Does the whole stem need to be immersed to get an accurate reading?

The sensor is in the tip of the probe and needs to be 1/2 inch into whatever you are measuring.

### What battery does my pocket thermometer use?

The LR44 button battery is used in TPI pocket digital thermometers.