



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



- **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	Chisel	Air	Contact
	Use for immersion and air; air response time will be slower than if using an actual air probe.	Need chisel tip for surface temperatures. Penetration and/or air tips will not give an accurate surface reading.	Samples air temperatures three times faster than penetration or contact tips.	Measures three times faster than chisel tip.



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													

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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.

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