

# Accurate for Life



The same innovative technology we developed for our popular thermocouple instruments - used by some of the most sophisticated restaurant chains in the world - is now available in select digital thermometers. With settings stored in a non-volatile memory chip, no "field adjustment" of calibration settings is required, so there is no risk of introducing error into the instrument. We are so committed to ensuring the accuracy of our products that we guarantee them for life!

Reduced Tip for Quick Response

MAX DPP800W



- \* Anti-microbial Additive
- \* Accurate For Life
- \* Lifetime Warranty

#### LIFETIME WARRANTY:

Any AFL instrument that proves to measure temperatures out of the specified accuracy range or be defective in material or workmanship, will be replaced, without charge, upon receipt of the unit prepaid.

## Specifications

### DPP800W MAX Pen-Style, Digital Pocket Test Thermometer

- Temperature Range: -40° to 450°F (-40° to 232°C)
- Accuracy:  $\pm 1^\circ\text{F}$  ( $\pm 0.5^\circ\text{C}$ )
- Resolution:  $0.1^\circ$
- Stem Length: 4" (102 mm) stainless steel with a **reduced tip** for <6 second response time
- Max / Min / Hold modes
- IPX7 Waterproof-rated - dishwasher safe
- EZ-Read large LCD display
- CE certified, NSF listed, WEEE marked, RoHS compliant



### DFP450W Digital Pocket Test with Temperature Alarm

- Temperature Range: -40° to 450°F (-40° to 232°C)
- Accuracy:  $\pm 2^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )
- Resolution:  $0.1^\circ$
- Stem Length: 4.75" (121 mm) stainless steel with a **reduced tip** for <6 second response time
- Max / Min / Hold modes
- IPX7 Waterproof-rated - dishwasher-safe
- CE certified, NSF listed, WEEE marked, RoHS compliant



### DPP400W Pen-Style, Digital Pocket Test Thermometer

- Temperature Range: -40° to 392°F (-40° to 200°C)
- Accuracy:  $\pm 2^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )
- Resolution:  $0.1^\circ$
- Stem Length: 2.75" (72 mm) stainless steel with a **reduced tip** for <6 second response time
- Max / Min / Hold modes
- IPX7 Waterproof-rated
- CE certified, NSF listed, WEEE marked, RoHS compliant



### 2560 Digital Refrigerator / Freezer Thermometer

- Temperature Range: -22° to 122°F (-30° to 50°C)
- Accuracy:  $\pm 1^\circ\text{F}$  ( $\pm 0.5^\circ\text{C}$ )
- Resolution:  $0.1^\circ$
- Response Time: 30 second updates
- Display: 1.875" x 0.75" (48 mm x 19 mm)
- Min / Max / Reset features
- Water-resistant
- CE certified, NSF listed, WEEE marked, RoHS compliant



DFP450W



2560



Reduced Tip for Quick Response



Reduced Tip for Quick Response

DPP400W



**Accuracy to the Highest Degree**

Cooper-Atkins Corporation • 800-835-5011 • 860-347-2256 • www.cooper-atkins.com

# GET ACCURATE! GO DIGITAL! VALIDATE!

Using accurately calibrated thermometers is an essential component of any basic HACCP plan. Cooper-Atkins believes that every foodservice professional should implement validation testing into their regular routine to ensure their thermometers are accurate and ready to use.

**Calibration is a formal comparison of any item to a known standard that is of higher accuracy.** The comparison is normally conducted under controlled environmental conditions and typically not done on-site. It is traceable to a known standard through an unbroken chain of comparison to the National Institute of Standards and Technology (N.I.S.T.).

Some thermometers include an adjustment feature. This feature allows the user to reset or adjust-out the expected error / accuracy drift the thermometer may have developed over time. While this may sound like a useful feature, if the conditions are not controlled accurately, it could introduce more error at critical test temperatures! **Cooper Atkins' Accurate For Life** digital thermometers require no "field" adjustment of calibration settings, which eliminates the risk of introducing error into the instrument.

**Validation is a quick, less formal comparison of any item against a single temperature point.** When validating thermometers, it is usually by means of a single test point such as an ice bath (32°F). It is performed regularly, can be performed on-site, and is a confirmation that the instrument is accurate to within acceptable tolerances.

Periodic checking of thermometer accuracy is recommended as standard practice to satisfy certain governmental regulations. Over its lifetime, the digital thermometer may exhibit some minor accuracy shift, due in part to environmental variations, and in part to normal aging of the components used. **Cooper-Atkins' ValCup™** was designed to accurately validate all types of thermometers quickly and easily. Just follow the simple directions and insert your thermometer for fast results.

**NOTE:** When creating a proper ice bath, use crushed, not cubed ice. Tests show that using cubed ice can result in an ice bath with a baseline temperature higher than 32°F, which may result in a false reading.



**SAVE TIME!  
SAVE CUPS!**

Validate the accuracy of your thermometer with our easy-to-use VALCUP™ (#9325). Just fill with crushed ice, add water, insert thermometer and validate.

**Save money  
and time by not  
using disposable  
cups!**



**U.S. Food and Drug Administration Center for Food Safety & Applied Nutrition Food Code**

#### **CHAPTER 3 FOOD**

3-501.19 Time as a Public Health Control

(B) The FOOD shall have an initial **TEMPERATURE** of 41°F (5°C) or less if removed from cold holding temperature control, or 135°F (57°C) or greater if removed from hot holding temperature control.

#### **CHAPTER 4 EQUIPMENT, UTENSILS AND LINENS**

4-502.11 Good Repair and Calibration.

(A) **UTENSILS** shall be maintained in a state of repair or condition that complies with the requirements specified under Parts 4-1 and 4-2, <http://www.fda.gov/Food/FoodSafety/RetailFoodProtection/FoodCode/FoodCode2009/default.htm> or shall be discarded.

(B) **FOOD TEMPERATURE MEASURING DEVICES** shall be calibrated in accordance with manufacturer's specifications as necessary to ensure their accuracy.

(C) Ambient air temperature, water pressure, and water **TEMPERATURE MEASURING DEVICES** shall be maintained in good repair and be accurate within the intended range of use.



**Accuracy to the Highest Degree**

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