



JULY 2024

PRODUCT CATALOG

# Product Solutions

*Solutions to help you achieve your foodservice goals*



**COOPER-ATKINS**



## The Food Safety Imperative and Wireless Monitoring

### Delivering Innovation & Progressive Solutions to the Foodservice Industry

We're delivering practical, flexible approaches to support an efficient, sustainable, connected cold chain that protects consumers and those who supply them. We're forging ahead on two fronts that are essential for food safety and preserving food quality across the entire cold chain: time and temperature certainty and increased transport solutions and storage for perishables on the move. In developed countries, each year consumers and retailers throw away between 30-40% of food while in North America 48 million people contract foodborne illnesses annually.

Wireless products are the most exciting technological innovation happening in the foodservice industry today. They can monitor and record temperatures 24/7, eliminating the need for manual temperature logging which saves labor resources and can reduce human errors when collecting and recording important data.



92020  
#20200 w/NSF

### 92020 Multi-function Thermometer (MFT) Kit

- **Temp Range:** -73° to 538°C (-100° to 1000°F)
- **Instrument Accuracy:**  $\pm 0.3^{\circ}\text{C}$  ( $\pm 0.5^{\circ}\text{F}$ )
- **Resolution:** 0.1°
- **IPX7 waterproof rated**
- **Large, easy-to-read LCD screen**
- **Auto shut-off** after 10 minutes of non-use
- **Fahrenheit/Celsius** selectable
- **Rugged, ABS plastic housing**
- **(2) AAA, 1.5v Alkaline batteries, 1800 hours**
- **51337-K DuraNeedle Probe**
- **Limited Warranty:** 5-year Instrument / 1-year probe

### Technology Highlights

- Bluetooth 4.2 compliant
- IPX7 Waterproof rated
- 100 ft open field range



## NEW INNOVATIONS

### 20900 Cooking Oil Tester

This Cooking Oil Tester is a portable measuring instrument designed to quickly detect the aging of frying oil.

The TPM value (total polar component) reflects the deterioration of edible oil due to high temperature during frying process.

This instrument is not used for the detection of acid value. The measured frying oil temperature is at least 10°C (the frying oil is liquid and not crystallized) and the maximum is 200° C.

- **Range:** TPM: 0-50%; Temperature: 0-200°C (32-392°F)
- **Accuracy:** TPM:  $\pm 2\%$ ; Temperature:  $\pm 1^\circ\text{C}/\pm 2^\circ\text{F}$
- **Ambient Operating Temperature:** 0-50°C (32-122°F)
- **Resolution:** TPM: 0.1%; Temperature: 0.1°C/°F
- **Radio protocol:** Bluetooth low energy 4.0 version
- **RF Range:** 20 meters open-field range
- **Power:** Rechargeable lithium battery (3.7V) in-built. Micro USB cable included
- **Calibration oil #9423** sold separately
- **Available in Asia market only**



## THERMOCOUPLES

### 35200-K

#### *AquaTuff Thermocouple Instrument*

- **Temperature Range:** -73° to 537°C (-100° to 999°F)
- **Accuracy:**  $\pm 0.3^{\circ}\text{C}$  ( $\pm 0.5^{\circ}\text{F}$ )
- **Resolution:** 0.1° / 1° Selectable
- **Response Time:** 2 Seconds
- **Limited Warranty:** 5-year instrument, 1-year probe



### 32311-K

#### *EconoTemp*

- **Temperature Range:** -40° to 260°C (-40° to 500°F)
- **Accuracy:**  $\pm 0.5^{\circ}\text{C}$  ( $\pm 1^{\circ}\text{F}$ )
- **Resolution:** 1°
- **Response Time:** 2 Seconds
- **Limited Warranty:** 5-year instrument



### 94100

#### *KwikSwitch Folding Thermocouple with probe*

- **Temperature Range:** -40° to 500°F (-40° to 260°C)
- **Total System Accuracy:**  $\pm 1^{\circ}\text{F}$  ( $\pm 0.5^{\circ}\text{C}$ ) from -40° to 212°F (-40 to 100°C)
- **Instrument Accuracy:**  $\pm 0.5^{\circ}\text{F}$  ( $\pm 0.3^{\circ}\text{C}$ ) from -40° to 212°F (-40 to 100°C)
- **Resolution:** 0.1
- **Display Update Rate:** 0.5 seconds
- **ABS Plastic housing**
- **Folding probe with storage slot for 53337-K probe**
- **Large easy to read LCD with 0.75" digits**
- **Auto Shut-off:** after 10 minutes of inactivity
- **Backlight Display**
- **Low battery indicator**
- **IPX7\* waterproof rated** (\*submerged 30" for 30 mins)
- **Battery operated** (2 AAA 1.5V Alkaline)
- **Battery Life:** 1000 hours (without backlight active)
- **Dimensions of Steak Genius:** 6.40" x 2.28" x .90" (162mm x 57mm x 23mm)
- **Dimensions of Probe:** 3.76" (96mm)
- **Limited Warranty:** 5-year instrument





## BI-METAL THERMOMETERS

# 1246-02C

### *Bi-Metal Pocket Test Thermometer*

- **Temperature Range:** 0° to 100°C
- **Accuracy:** ±1°C
- **Response Time:** 15 Seconds
- **HACCP Dial with Danger Zone** (Highlighted in Red)
- **Limited Warranty:** 1-year



# 2237-04

### *Espresso / Café Thermometer*

- **Temperature Range:** 0° to 220°F / -10° to 104°C
- **Milk Frothing Temperature Zone:** 150° to 170°F (66° to 76°C) high-lighted in red
- **1-3/4" / 4.5 cm diameter dial**
- **Freezing and boiling temperature marks** indicated in red for ease of calibration
- **7" / 17.8 cm stem with insertion mark** that allows for accurate measurement
- **Adjustable stainless steel vessel clip**
- **One per attractive POS Clamshell package,** 6 per shelf box, 72 per master carton
- **Limited Warranty:** 1-year



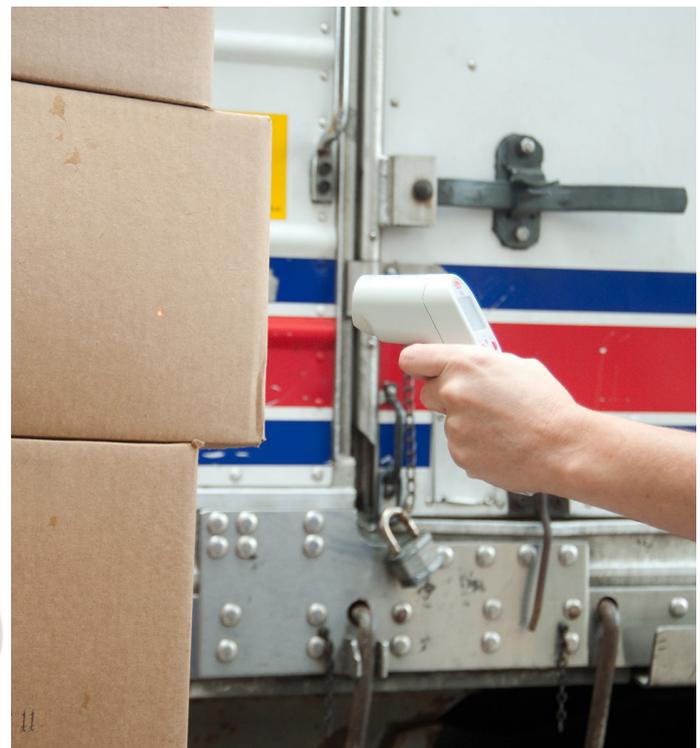
# 413-0-1

### *Infrared Thermometer with Laser and Thermocouple Jack*

- **Temperature range**  
Infrared: -67° to 482°F (-55° to 250°C)  
Thermocouple jack: -67° to 626°F (-55° to 330°C)
- **Accuracy**  
Infrared: ±1.8°F (±1.0°C)  
Thermocouple jack: ±1.8°F (±1.0°C)  
or ±1% of reading whichever is greater
- **Emissivity:** Fixed 0.95
- **Resolution:** 0.1°
- **Response Time:** 1 Second
- **Distance to Spot:** 12:1
- **Limited Warranty:** 1-year



## INFRARED THERMOMETERS



## ENVIRONMENT THERMOMETERS

### 24HP-01-1

#### Oven Thermometer

- **Temperature Range:** 100° to 600°F (50° to 300°C)
- **Accuracy:** ±25°F (±12.5°C)
- **Housing:** Stainless Steel
- **Dial Diameter:** 2" (50 mm)
- **Lens Material:** Glass



### 25HP-01-1

#### Refrigerator Thermometer

- **Temperature Range:** -20° to 80°F (-29° to 27°C)
- **Accuracy:** ±2°F (±1°C)
- **Housing:** Stainless Steel
- **Dimensions:** 2.375" x 1.5" x 3" (60 mm x 38 mm x 76 mm)
- **Lens Material:** Glass
- **Limited Warranty:** 1-year



### 335-0-1

#### Horizontal Glass Tube

- **Temperature Range:** -40° to 80°F (-40° to 25°C)
- **Accuracy:** ±2°F (±1°C)
- **Housing Material:** Stainless Steel Casing
- **Dimensions:** 4.75" x 0.875" x 1.125" (121 mm x 22 mm x 29 mm)
- **Lens Material:** Food Grade Polycarbonate
- **Limited Warranty:** 1-year





**ACCURATE FOR LIFE\*  
DIGITAL THERMOMETERS**

# DFP450W-0-8

## *Waterproof, Digital Pocket Test Thermometer with Temperature Alarm*

- **Temperature range:** -40° to 450°F (-40° to 232°C)
- **Accuracy:** ±2°F (1°C)
- **Resolution:** 0.1"
- **Stem Length:** 2.75" (69.9 mm), 0.75" (19 mm) tip, stainless steel with a reduced top for <6 second response time
- **IPX7 Waterproof-rated - dishwasher-safe**
- **Can be used to test dishwasher final rinse cycles**
- **Anti-microbial plastic**
- **Limited Warranty:** 1-year



# DPP400W-0-8

## *Waterproof Pen-Style Thermometer*

- **Temperature range:** -40° to 392°F (-40° to 200°C)
- **Accuracy:** ±2°F (1°C) from 14° to 212°F (-10° to 100°C) ±3°F (1.5°C) all other ranges
- **Resolution:** 0.1°F from -40 - 199°F, 1°F from 200 - 392°F, 0.1°C throughout the entire range
- **IPX7 Waterproof-rated**
- **Stem Length:** 2.75" (70 mm) stainless steel with a reduced tip for <6 second response time
- **Anti-microbial plastic**
- **Limited Warranty:** 1-year



# DPP800W

## *MAX Digital Pocket Test Thermometer*

- **Temperature Range:** -40° to 450°F (-40° to 232°C)
- **Accuracy:** ±1°F (±0.5°C) from 32° to 212°F (0° to 100°C)
- **Resolution:** 0.1"
- **IPX7 Waterproof-rated - dishwasher safe**
- **Stem Length:** 4" (102 mm) stainless steel with a reduced tip for <6 second response time
- **Anti-microbial plastic**
- **Limited Warranty:** 1-year



\* **Accurate for Life** digital thermometers are guaranteed to maintain accuracy specification as set by Cooper-Atkins for a period of 10 years from the date of purchase.

Cooper-Atkins' standard one-year limited warranty, available at <https://www.copeland.com/en-us/terms>, shall apply in addition to this guarantee.



### ***About Copeland***

Copeland, a global provider of sustainable climate solutions, combines category-leading brands in compression, controls, software and monitoring for heating, cooling and refrigeration. With best-in-class engineering and design and the broadest portfolio of modulated solutions, we're not just setting the standard for compressor leadership; we're pioneering its evolution. Combining our technology with our smart energy management solutions, we can regulate, track and optimize conditions to help protect temperature-sensitive goods over land and sea, while delivering comfort in any space. Through energy-efficient products, regulation-ready solutions and expertise, we're revolutionizing the next generation of climate technology for the better.

### ***About Cooper-Atkins***

Cooper-Atkins has been a trusted brand in the foodservice and food processing industries since 1885. The Cooper-Atkins portfolio has evolved to offer a comprehensive range of temperature management products and monitoring needs to serve many different applications, from single-point solutions to more advanced technologies. Cooper-Atkins is a Copeland brand, a global leader in sustainable heating, cooling, and refrigeration solutions.

For additional information please contact your Cooper-Atkins representative.

**Copeland Cold Chain LP**  
Asia 02 01 Issued 08/2023  
67-1882 | V0724

**To learn more, visit [copeland.com/cooper-atkins](https://copeland.com/cooper-atkins)**

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