BIOS
Professional

Solutions for ALL Kitchens

WHY BIOS Professional ?

1. BIOS, a Canadian company for over 80 years with roots in industrial and consumer instrumentation.

2. BIOS, an industry leader in food thermometers.

3. BIOS has industry agents across Canada who provide exceptional service.

4. BIOS has experts in food safety, sanitization and temperature application. We ensure our products are safe and hygienic for kitchen use.

5. BIOS products are NSF certified (National Sanitation Foundation).

6. BIOS manufactures products to the highest of standards, ensuring durability and accuracy.

7. BIOS is ISO accredited. We focus on meeting customer expectations and delivering customer satisfaction.

8. BIOS offers competitive pricing across the board. As well as a strong Custom Imprint Program.

9. BIOS is 100% satisfaction guaranteed.

Warranty Information

If at any time, you are not completely satisfied with the performance of your BIOS product, please call 1-800-387-8520 to speak to a Customer Service Representative who will provide you with a suitable solution. If it is determined that the problem cannot be resolved a Returned Goods Authorization Number will be provided.

Upon receiving the product, if it is discovered to be defective within the warranty period, it will either be repaired or replaced to the customer's full satisfaction. Further details regarding next steps will be provided by a Customer Service Representative.
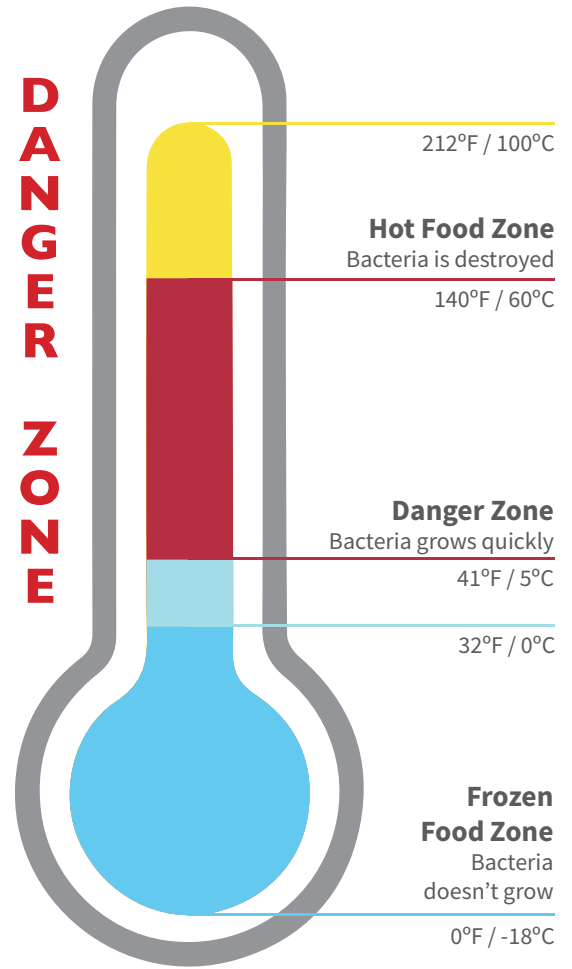
If the product being returned has surpassed the warranty period specified on either the packaging of the product or the instruction guide, Customer Service will do their best to find an alternative solution for you. Product return address:

Thermor Ltd.
16975 Leslie Street
Newmarket, ON
L3Y 9A1

For any additional questions, concerns or trouble shooting solutions please call 1-800-387-8520 or email **thermor@thermor-ins.com.**

Table of Contents

DANGER ZONE

212°F / 100°C

Hot Food Zone
Bacteria is destroyed

140°F / 60°C

Danger Zone
Bacteria grows quickly

41°F / 5°C

32°F / 0°C

Frozen Food Zone
Bacteria doesn't grow

0°F / -18°C

Food stored between 5°C and 60°C are considered to be in the "danger zone" due to the harmful growth of bacteria that happens with in this temperature range. In order to prevent food borne illnesses, minimize the time food stays at these temperatures by keeping cold food at 5°C or below and hot foods at 60°C or above.

Icon Legend

Customize	IP Waterproof Rating	Batteries not included
National Sanitation Foundation	LED Backlight	AC Adapter Included
Calibratable	Blue Backlight	Warranty
HACCP Compliant	Batteries included	

Custom Imprint

Ask our Team for a free quote!
thermor@thermor-ins.com · 1.800.387.8520

3" Dial Fridge & Freezer Thermometer
DT167

Logo Placement: Front

NSF

3" Dial Oven Thermometer
DT160

Logo Placement: Front

NSF

1¾" Dial Thermometer
DT110

Logo Placement: Sleeve

NSF

Hanging Fridge & Freezer Thermometer
DT166

Logo Placement: Front or back

Digital Pocket Thermometer
DT130

Logo Placement: Sleeve

Waterproof Pocket Thermometer
DT131

Logo Placement: Sleeve

NSF

Premium Fridge & Freezer Thermometer
DT150

Logo Placement: Front

NSF

1" Dial Thermometer
DT154 & DT170

Logo Placement: Sleeve

NSF

(°F Only) - DT154   (°C Only) - DT170

Digital Pocket Thermometer
PS100

Logo Placement: Sleeve

NSF

Standard LCD Timer
651SC

Logo Placement:
Front

Mini LCD Timer
138HC

Logo Placement:
Front

Jumbo LCD Timer
DT122

Logo Placement:
Front

Digital Fridge & Freezer Thermometer
DT133

NEW!

Logo Placement:
Front

Folding Pocket Thermometer
DT134

NEW!

Logo Placement:
Front

BIOS
Professional

Works with any K-Type probe

Colour coded face plates

Carrying case included

NIST certified

Infrared Thermometer
PS199

- Bright laser pointer
- User friendly
- Lock function for continuous monitoring
- Reads surface temperatures in less than a second
- Distance to spot ratio: 12:1
- Emissivity: 0.95 fixed
- Resolution: 0.1°

Temperature Range: -58°F to 536°F / -50°C to 280°C

LED | 1x 9V | ✓ | 1

Infrared Thermometer with Thermocouple
PS200

- Bright laser pointer
- Large LCD display
- Lock function for continuous monitoring
- 5 coloured face plates included to avoid cross contamination
- Nylon carrying case with belt loop included
- Takes any K-type probe
- Distance to spot ratio: 12:1

Temperature Range: -76°F to 932°F / -60°C to 500°C

LED | H | 2x AA | ✓ | 1

Raytek Mini Temp Infrared Thermometer
MT6U

- Simple to use
- Instant readings
- Laser point sighting
- Large, easy to read display
- °C to °F switchable
- Display resolution: 0.2°C (0.5°F)
- Preset emissivity: 0.95

Temperature Range: -20°F to 932°F / -30°C to 500°C

LED | 1x 9V | ✓ | 2

Raytek Mini Temp Infrared Thermometer
MT4U

- Durable and compact design
- Simple to use
- Laser point sighting
- Large, easy-to-read display
- Instant current and max readings
- °C to °F switchable
- Display resolution: 0.2°C (0.5°F)
- Preset emissivity: 0.95

Temperature Range: 0°F to 750°F / -18°C to 400°C

LED | 1x 9V | ✓ | 1

Replacement Probes

Product	Model	Size	Image	Recommended Use	Temperature Range
Air Gas Probe	**302SC**	8½" (21cm)		Fridge/ Freezer Temperatures	32°F to 482°F 0°C to 250°C
Angle Surface Probe	**303SC**	8¾" (22 cm)		Grill Temperatures	-58°F to 752°F -50°C to 400°C
Surface Probe	**304SC**	6½" (16 cm)		Grill Temperatures	-58°F to 752°F -50°C to 400°C
Chisel Tip Probe	**305SC**	6" (15 cm)		Food Temperatures	32°F to 482°F 0°C to 250°C
Reduced Tip Probe	**307SC**	4½" (11 cm)		Food Temperatures	-58°F to 482°F -50°C to 250°C
Oven and Dish-washer Probe	**311SC**	4½" (11 cm)		Oven and Dishwasher Temperatures	32°F to 1112°F 0°C to 600°C

DON'T SEE THE PROBE YOU NEED?

Please contact our Customer Service team!

1.800.387.8520

thermor@thermor-ins.com

BIOS
Professional

Lanyard included

Waterproof Pocket Thermometer
DT131

• Max/Min memory
• Response time: 5 seconds
• Reduced tip probe
• Stainless steel stem length: 3" / 2.54 cm
• °C/°F switchable
• Protective sleeve included
Temperature Range: -40°F to 446°F / -40°C to 230°C

BIOS
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Folding Pocket Thermometer
DT134

• Accuracy ±0.1°C/1.8°F
• Thermocouple sensor responds in 3 seconds
• Large LCD
• °C/°F switchable
• 180° rotating display
• Auto shut off when you close the probe or after 10 minutes of non use
• Touch sensor button
• Stem length : 4.5" /11.5 cm
Temperature Range: -40°F to 572°F / -40°C to 300°C

BIOS
Professional

Digital Pocket Thermometer
DT130

• Instant read with professional accuracy
• Stainless steel stem length: 5" / 12.5 cm
• °C/°F switchable
• Protective sleeve included
Temperature Range: -40°F to 302°F / -40°C to 150°C

BIOS
Professional

Digital Pocket Thermometer with Calibration
PS100

• LCD display
• Stainless steel stem length: 5" / 12.5 cm
• °C/°F switchable
• Water resistant
• Protective sleeve included
Temperature Range: -40°F to 446°F / -40°C to 230°C

Digital / Analog Thermometers

BIOS
Professional

HACCP Check Thermocouple Kit
300SC

308SC 6"/15 cm Probe included

- Accuracy: +/- 1% of reading or 1°C (1.8°F) whichever is greater
- Type "K" probe
- °C/°F switchable
- Auto shut off
- Compact, sleek design
- Shock resistant
- Splash proof

Probe Temperature Range: -83.2°F to 932°F / -64°C to 500°C
Unit Temperature Range: -83.2°F to 1999°F / -64°C to 1400°C

NSF   ⊕   **2**

BIOS
Professional

1"/2.5 cm Dial High Temperature Thermometer (°F Only)
109SC

- Glass lens
- Durable stainless steel
- ±1 division accuracy
- Convenient pocket sleeve

Temperature Range: 50°F to 550°F

NSF   ⊕   **1**

Thermor Ltd. has roots in industrial and consumer instruments, dating back to 1934. In recent decades, Thermor Ltd. has concentrated on temperature measurement in the food service industry.

Our food service team are experts in food safety; sanitation; time and temperature applications. All the products we manufacture are done so to the highest standards, ensuring durability and accuracy.

Thermor's BIOS Professional line of products have been NSF certified (National Sanitation Foundation). This certification evaluates professional food service equipment to ensure they are safe and hygienic for professional kitchen use.
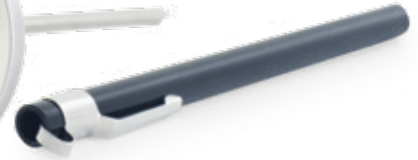
BIOS
Professional

Cappuccino Thermometer
110SC

- 8" / 20 cm food safe stainless steel stem
- Frothing range indicator
- 1¾" / 4.5 cm dial face with glass lens
- Includes pan clip and protective sleeve

Temperature Range: 100°F to 200°F / 40°C to 90°C

NSF | ⊕ | 1

BIOS
Professional

1¾"/4.5 cm Dial Thermometer
DT110

- Large 1¾" display
- Stainless steel stem length: 4" / 10 cm
- Protective sleeve included

Temperature Range: 0°F to 220°F / -18°C to 104°C

NSF | ⊕ | your logo here | 1

BIOS
Professional

DT154
°F only

DT170
°C only

1"/2.5 cm Dial Thermometer
DT154 & DT170

- Oven safe glass lens
- Stainless steel stem length: 4¾" / 12 cm
- Protective/calibratable sleeve included
- Dishwasher safe

DT154 Temperature Range: 0°F to 220°F
DT170 Temperature Range: -18°C to 110°C

NSF | ⊕ | your logo here | 1

BIOS
Professional

Red: Raw Meat
Yellow: Cooked Meat
Blue: Fish & Seafood
Green: Fruits & Vegetables
White: Bakery & Dairy

15 thermometers in PDQ display
3 colours of each!

Colour Coded Thermometers to Eliminate Cross Contamination
DT170D

Harmful bacteria can turn a delicious meal into a potential deadly one. Stop cross contamination by eliminating harmful bacteria from one food to another with colour coded thermometers. Each colour represents a separate food category to prevent food related illness.

- 1" dial thermometers
- Oven safe
- Dishwasher safe
- Stainless steel stem length: 4¾" / 12 cm
- Glass lens
- Protective pen-style case

Temperature range: -18°C to 110°C (Celsius only)

NSF | ⊕ | 1

Oven & Meat Thermometers

BIOS *Professional*

3"/7.5 cm Dial Oven Thermometer
DT160

- Rotating dial allows it to hang or stand
- Large easy-to-read dial
- Durable stainless steel

Temperature Range: 100°F to 600°F / 37°C to 315°C

BIOS *Professional*

3"/7.5 cm Dial Meat & Oven Thermometer
DT165

- Large, easy-to-read dual display
- Stainless steel stem length: 4½" / 11.5 cm
- Meat / oven temperature range display
- Meat selection temperature ranges

Meat Temperature Range: 120°F to 200°F / 50°C to 93°C
Oven Temperature Range: 100°F to 600°F / 37°C to 315°C

BIOS *Professional*

2½"/6 cm Dial Meat & Poultry Thermometer
DT168

- Instant response
- Stainless steel stem length: 4" / 10 cm
- Dishwasher safe
- Cooking temperature guide for various meats included

Temperature Range: 120°F to 212°F / 50°C to 100°C

BIOS *Professional*

3"/7.5 cm Dial Meat & Poultry Thermometer
DT159

- Large, easy-to-read display
- Durable stainless steel
- Stainless steel stem length: 4¼" / 11 cm
- Dishwasher safe
- Cooking temperature guide for various meats included

Temperature Range: 120°F to 212°F / 50°C to 100°C

314FC

Magnetic Surface Thermometer
DT500

- Reliable bimetallic sensor
- Glass lens
- Waterproof rating: IP55
- Reaches sensing equilibrium within three minutes
- Accuracy ±2.5% of full scale
- Applications: Hot plates and griddles
Temperature Range: -20°F to 120°F / 0°C to 250°C
314FC Temperature Range: 0°F to 750°F / 0°C to 400°C

Folds for easy viewing

Digital Meat Thermometer
DT100

- Pre-programmed cooking temperatures for different meats and tastes. Select taste setting: rare to well done
- Displays preset and internal cooking temperatures
- Stainless steel probe 1 m / 37" heat resistant wire
- °C/°F switchable
Temperature Range: 14°F to 392°F / -10°C to 200°C

STEAM TABLE APPROVED!

Premium Meat Thermometer & Timer
DT362

- LCD screen with blue backlight
- 6 meat selections (Beef, Veal, Lamb, Pork, Chicken, Turkey)
- 4 taste selections (Well-done, Medium, Medium-rare, Rare)
- Two probes with sensor
- Inner sensor for room temperature: -4°F to 122°F / -20°C to 50°C
- °C/°F switchable
- Standard magnetic back
- Timer / alarm function when meat reaches the target setting
Temperature Range: 14°F to 572°F / -10°C to 300°C

Clips onto pocket or belt

Wireless Meat Thermometer
132HC

- Timer
- Manual temperature setting
- Temperature alarm
- Meat and taste selection
- Counts up or down
- Wireless Range: 30 m / 100 ft
- °C/°F switchable
- Replacement probe 132RP sold separately
Temperature Range: 32°F to 482°F / 0°C to 250°C
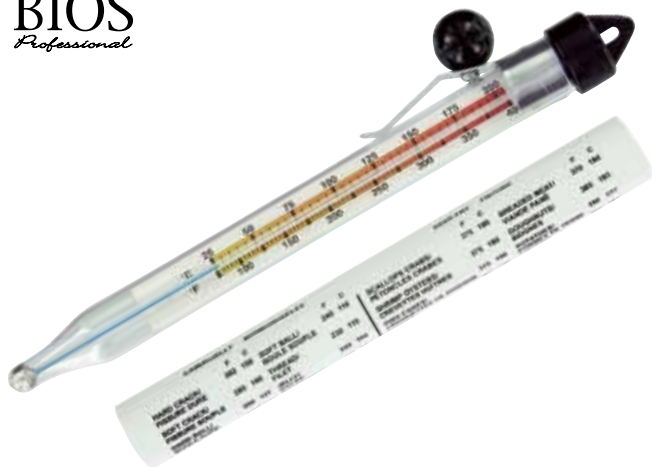
Candy Thermometers

BIOS
Professional

Digital Candy & Deep Fry Thermometer
DT155

• Stainless steel stem length: 8" / 20 cm
• Stainless steel pan clip
• Min / Max memory
• °C/°F switchable
• Water resistant
Temperature Range: 14°F to 428°F / -10°C to 220°C

BIOS
Professional

Premium Candy & Deep Fry Thermometer
DT158

• Easy-to-read display
• Adjustable pan clip
• Stainless steel body
• Submerged length: 7½" / 19 cm
• Dishwasher safe
Temperature Range: 60°F to 400°F / 20°C to 200°C

BIOS
Professional

Glass Candy & Deep Fry Thermometer
5905

• Adjustable pan clip
• Protective plastic sleeve with cooking temperatures included
• Submerged length: 6½" / 16.5 cm
• Cool touch black ball for safe handling
• Waterproof
Temperature Range: 75°F to 400°F / 25°C to 205°C

BIOS
Professional

Candy & Deep Fry Thermometer
DT163

• Large easy-to-read dial
• Adjustable pan clip
• Stainless steel stem length: 5" / 12.5 cm
• Dishwasher safe
• Indicators show best temperatures for different candy stages
Temperature Range: 100°F to 400°F / 40°C to 200°C

BIOS *Professional*

Digital Fridge & Freezer Thermometer
DT133

- Hangs or stands with magnet on the back
- Accuracy ±1°
- °C/°F switchable
- ON/OFF Switch

Temperature Range: -4°F to 122°F / -20°C to 50°C

your logo here | IP65 | 1x LR1130 | 1

BIOS *Professional*

Panel Mount Thermometer
DT157

- Sensor cable length:10 ft.
- Waterproof probe
- °C/°F switchable
- Wall mount with 2 screws included

Temperature Range: -58 to 230 °F / -50 to 110 °C

1x LR44 | 1

BIOS *Professional*

Hanging Fridge & Freezer Thermometer
DT166

- Can be used in a fridge or freezer
- Clips onto surfaces
- Shatterproof plastic body and window

Temperature Range: -20°F to 86°F/-30°C to 30°C

your logo here | 1

BIOS *Professional*

Premium Fridge & Freezer Thermometer
DT150

- Can be used in a fridge or freezer
- Durable stainless steel
- Hangs or stands
- Safe/dangerous temperature zone indicator

Temperature Range: -40°F to 80°F / -40°C to 27°C

NSF | your logo here | 1

BIOS *Professional*

3"/7.5 cm Dial Fridge & Freezer Thermometer
DT167

- Large easy-to-read dial
- Can be used in a fridge or freezer
- Hangs or stands

Temperature Range: -30°F to 80°F / -35°C to 27°C

NSF | 1

Testo Thermometers

Testo 104-IR Multipurpose IR & Folding Penetration Thermometer
0560.1040

- Infrared measuring instrument with laser measurement spot marking and hinged penetration probe for more precise measuring

IR Measuring Range: -22°F to 482°F / -30°C to 250°C
Penetration Measuring Range: -58°F to 482°F / -50°C to 250°C

Testo 104 Waterproof Folding Thermometer
0563.0104

- Backlit display
- Auto-Hold and Min/Max storage
- Identification labels for work areas or users

Measuring Range: -58°F to 482°F / -50°C to 250°C

Ask us about our bluetooth model!

Testo 103 Folding Thermometer
0560.0103

- Compact design

Measuring Range: -22°F to 428°F / -30°C to 220°C

Testo 106 Core Temperature Thermometer
0563.1063

- Dishwasher safe
- Audible, Optical Alarm
- Auto-Hold

Measuring Range: -58°F to 527°F / -50°C to 275°C

Testo 270 Cooking Oil Tester
0563.2752

- Easily, quickly and reliably determines the cooking oil's temperature and quality
- Measures total polar materials in oil to ensure consistancy in fried food products
- Intuitive alarm with highly visual, colour-coded backlit display makes it easy to evaluate the quality of the cooking oil: green means good; orange is boarderline and red indicates an oil change is required
- Reference Oil Sold Separately **0554.2650**

Measuring Range: 0.0% to 40.0%
Temperature Range: 104°F to 392°F

www.biosprofessional.com