

THERMOMETERS

FIND IT FAST

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WHICH THERMOMETER IS RIGHT FOR YOU?

TYPE	CONSTRUCTION	STYLES	USES
GLASS	<ul style="list-style-type: none"> Usually filled with mercury, spirit-filled or biodegradable liquids. Handled delicately because they are fragile and can be easily broken. 	<ul style="list-style-type: none"> Partial immersion. Total immersion. 	<ul style="list-style-type: none"> Partial immersion: Designed for areas with limited space. Subject to outside temperature variables. Total immersion: Placed entirely into the liquid, therefore, are more accurate – however, more space is required to obtain readings.
ANALOG Dial/Bi-Metal	<ul style="list-style-type: none"> Metal or plastic. Insert probe into the material being measured, the dial face is easily read. Good substitute for glass thermometer. 	<ul style="list-style-type: none"> Standard dial face with probe. 	<ul style="list-style-type: none"> Instead of glass thermometers for applications requiring more durability. Used around food.
DIGITAL	<ul style="list-style-type: none"> Most constructed with a plastic housing, which holds the digital components, and a metal probe. 	<ul style="list-style-type: none"> Most common uses a thermocouple probe that is designated by the letters, "K", "J" or "T"; and various probe shapes are available. 	<ul style="list-style-type: none"> Used in many applications – often to measure liquids, gases and solids. Durable and easy to use.
INFRARED Non-Contact	<ul style="list-style-type: none"> Usually constructed of plastic with electronic components. 	<ul style="list-style-type: none"> Designed to collect energy that has been reflected or emitted from a surface and converts that energy into a specific temperature. 	<ul style="list-style-type: none"> Perfect for use on moving objects, hard-to-reach objects and hazardous materials. <p>NOTE: Accuracy diminishes the farther away from the object, and these thermometers are not recommended for HACCP environment or product temperatures.</p>

DIGITAL THERMOMETER COMPARISON CHART

ITEM#	CONSTRUCTION	WATERPROOF/ WATER-RESISTANT	FIELD RECALIBRATABLE	POWER/ BATTERY TYPE	TEMPERATURE RANGE	PROBE TYPE	INTERCHANGE PROBES
A692 00011	Infrared, Food Service Non-Contact	No	No	9 V	-25° to 400 °F -30° to 200 °C	N/A	N/A
A692 00181	C48 Thermometer with Clock and Timer	Yes	No	Two AA	-328° to 2,502 °F -200° to 600 °C	Thermocouple Type K	Yes
A692 90941	Digital Food Processing with Clock	Yes	No	10 Year Battery Life	-328° to 752 °F -200° to 400 °C	Thermocouple Type T	Yes
E542 59091	BIG RED® Water-Resistant, T-Handle	Yes	Yes	1.5 V	-58° to 536 °F -50° to 280 °C	N/A	No
E542 70011	BIG RED® Water-Resistant Pocket	Yes	Yes	1.5 V	-58° to 536 °F -50° to 280 °C	N/A	No
E542 70021	BIG RED® Pocket Thermometer	No	Yes	1.5 V	-58° to 302 °F -50° to 150 °C	N/A	No
3098 01131	Atkins EconoTemp	No	No	Three AAA	-40° to 500 °F -40° to 260 °C	Thermocouple Type K	Yes
3098 22091	Infrared Thermometer	No	No	Two AAA	-76° to 932 °F -60° to 500 °C	N/A	N/A
L222 00011	Infrared Forehead Thermometer	No	Yes	1.5 V	32° to 140 °F 0° to 60 °C	N/A	N/A
3098 51321	Atkins 351 AquaTuff™ Digital Wrap and Stow	Yes	No	Two AAA	-100° to 500 °F -73° to 260 °C	Thermocouple Type K	Yes
3443 1051	Heavy-Duty Digital	No	No	Four 1.5 V	-58° to 527 °F -50° to 275 °C	NTC	Yes
3542 41211	Digital Pocket	No	No	1.5 V	-58° to 500 °F -50° to 260 °C	N/A	No
3098 0450	Digital Pocket Thermometer w/Temp. Alarm	Yes	Yes	1.5 V	-40° to 450 °F -40° to 232 °C	N/A	N/A
3542 98671	Digital Thermometer with Folding Probe	Yes	Yes	Two AAA	-40° to 572 °F -40° to 300 °C	Reduced Tip	No
3542 98791	Waterproof Digital Pocket Thermometer	Yes	Yes	CR2032 Lithium	-40° to 500 °F -40° to 360 °C	N/A	No
4599 10401	Digital Min./Max. Lollipop	Yes	Yes	1.5 V	-40° to 311 °F -40° to 155 °C	N/A	No
4599 10501	Digital Auto and Manual Lollipop	Yes		1.5 V	-40° to 311 °F -40° to 155 °C	Reduced Tip	No
4599 00071	Digital 8" Stem Lollipop	Yes		1.5 V	-40° to 311 °F -40° to 155 °C	Extended Tip	No
4599 10631	Digital Needle Probe Thermometer	Yes	Yes	1.5 V	-40° to 311 °F -40° to 155 °C	Reduced Tip	No



Reinforced heavy-duty probes and large LED displays. Designed for our customers in the Food Processing Industry. Quick, accurate and easy-to-read portable digital thermometers featuring on/off button, large LCD display and easy battery replacement.

BIG RED® Pocket Thermometer

- Range: -58 °F to 302 °F/-50 °C to 150 °C. Accurate to ±2 °F.
- 0.1 °F/°C resolution.
- 1/4-inch large readout LCD display.
- Continuous update.
- Extra sturdy 4-3/4-inch stainless steel probe.
- Pocket clip sheath for stem protection.
- Requires LR 1.5 V battery (included).



Flat edge design won't roll-off counters.



For Replacement Batteries ▶ SEE PAGE 568

ITEM NO.	PRODUCT	EACH	
		1-5	6+
E542 70021	Pocket Thermometer	\$16.95	\$14.95

BIG RED® In-Line, Water-Resistant Pocket Thermometer

- Heavy-duty 4-1/2-inch stainless steel probe, 5 mm diameter at thickest point.
- In-line overall dimension: 7½ inches x 1 inch.
- Range: -58 °F to 536 °F/-50 °C to 280 °C. Accurate to ±2 °F.
- Large 5/16-inch digital readout in either °F or °C.
- 0.1 °F/°C resolution.
- Max./Min. memory button.
- Resistant to water and liquids.
- Five minute auto-off.
- Pocket clip sheath for stem protection.
- Requires LR1130 1.5 V battery (included).



For Replacement Batteries ▶ SEE PAGE 568

ITEM NO.	PRODUCT	EACH	
		1-5	6+
E542 70011	In-Line Pocket Thermometer	\$26.95	\$24.95

BIG RED® Water-Resistant, T-Handle Pocket Thermometer

- Extra-sturdy, T-handled 4-1/2-inch stainless steel probe for firm or semi-firm product.
- T-handle overall dimension: 6 inches x 3-1/2 inches x 1-1/2 inches.
- Large readout, auto shut off.
- Accurate to ±2 °F. • 0.1 °F/°C resolution.
- Range: -58 °F to 572 °F/-50 °C to 300 °C.
- Requires LR 1.5 V battery (included).

Includes pocket clip sheath for stem protection.



For Replacement Batteries ▶ SEE PAGE 568

ITEM NO.	PRODUCT	EACH	
		1-5	6+
E542 59091	T-Handle Pocket Thermometer	\$26.95	\$24.95

▶ SEE PAGE 535

FOR CHECK-SET CALIBRATORS



Accuracy of BIG RED® digital thermometers can be verified using Tel-Tru Check-Set Calibrators. Please follow manufacturer's instructions when using Check-Set.

Waterproof Digital Lollipop Thermometers

Can be used as a food or dishwasher holding thermometer.

- IP65 Waterproof housing. • °C/°F switchable.
- Min./Max. memory stores lowest/highest readings.
- Display reading update: 1 second. • Resolution: 0.1 °F / °C.
- Requires 1.5 V LR44 battery (included). ➔
- (A) Measurement Range: -40° to 311 °F/-40° to 155 °C
Operating Range: 32° to 122 °F/0° to 50 °C.
Factory calibrated to NIST traceable standards/non-calibratable.
4-1/8-inch stem.
- (B) Measurement Range: -40° to 311 °F/-40° to 155 °C
Operating Range: 32° to 122 °F/0° to 50 °C.
Auto and manual calibration features.
4-1/8-inch stem.
- (C) Measurement Range: -58° to 122 °F/-50° to 200 °C
Operating Range: 32° to 122 °F/0° to 50 °C.
8-inch long stem version.



NOTE: All styles include probe cover with pocket clip. Styles A and B also have a hanging loop.

➔ SEE PAGE 568 For Replacement Batteries

Reduced probe tip.

ITEM NO.	PRODUCT	MODEL	EACH	
			1-11	12+
4599 10401	A. Factory Calibrated Waterproof, 4-1/8" Stem	11040	\$15.95	\$14.95
4599 10501	B. Auto and Manual Waterproof, 4-1/8" Stem	11050	22.95	21.95
4599 00071	C. 8" Stem Waterproof	11070	39.95	38.95

Heavy-Duty Digital Thermometer

Auto hold feature tells when the temperature reading is stable for a set duration of time.

- Used to measure the temperature of semi-solid foods.
Range: -58 °F to 527 °F/-50 °C to 275 °C. Accurate to +/- 1 °C.
- Heavy-duty 100 mm (4 inch) long stem. • 0.1 °C resolution.
- Ergonomically designed to fit comfortably into hand.
- Limit the value setting with a visual and audible alarm.
- Turns off automatically after 10 minutes of no use.
- Requires 4, 1.5 V batteries (included). ➔

For Replacement Batteries ➔ SEE PAGE 568



NOTE: Frozen food corkscrew probe also available.

Includes a belt clip sheath for stem protection.

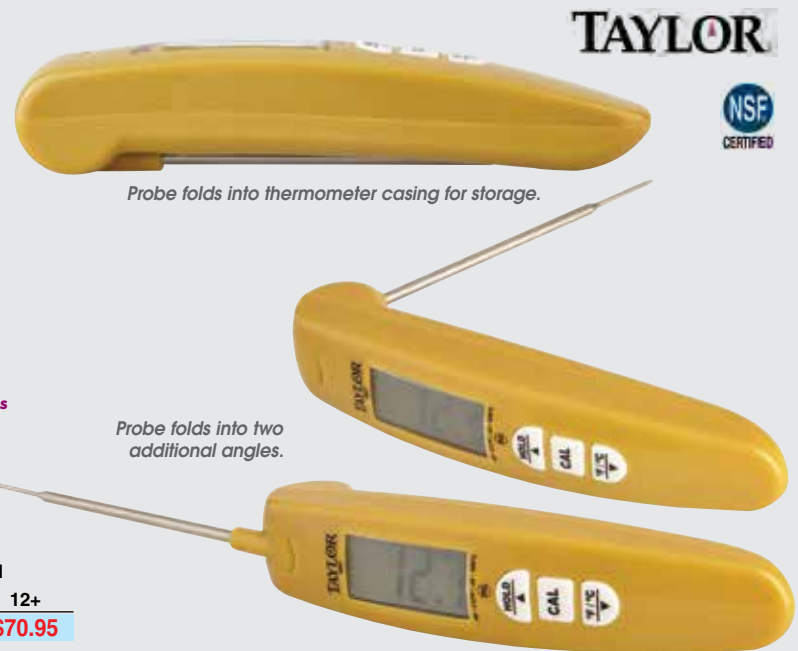
ITEM NO.	PRODUCT	EACH
3443 1051	Digital Thermometer w/Heavy-Duty Stem	\$237.45
3443 10531	Optional Corkscrew Probe for Frozen Food	160.15

Commercial Thermocouple Thermometer with Folding Probe

Probe folds into two angles, plus into itself for easy storage.

- Easy-to-read LCD readout.
- Temperature range -40 °F to 572 °F / -40 °C to 300 °C.
- 1.5 mm FDA recommended step down probe tip.
- Stabilized reading in 5 seconds or less.
- +/- 2 °F (1 °C) between 14° to 212 °F (-10° to 100 °C); +/- 3.6 °F (2 °C) balance of range.
- Resolution: 0.1 °F / 0.1 °C.
- 4-inch stainless steel probe.
- Calibratable.
- Hold and auto off features.
- Requires two AAA batteries (included). ➔

➔ SEE PAGE 568 For Replacement Batteries




Probe folds into thermometer casing for storage.

Probe folds into two additional angles.

ITEM NO.	PRODUCT	EACH	
		1-11	12+
3542 98671	Folding Probe Thermometer	\$73.95	\$70.95

Needle Probe Thermometer

Waterproof thermometer — recommended for food safety in all commercial food service facilities.

- Ideal for measuring the temperature of "thin mass" foods.
- Stainless steel reduced tip probe length: 3.90 inches.
- Needle probe diameter: 0.067 inches.
- Unit automatically shuts off after 10 minutes.
- Range: -40° to 311 °F/-40° to 155 °C.
- Auto-calibration.
- Requires 1.5 V battery (included). 

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For Replacement Batteries




Clips easily onto pocket for storage when not in use.

ITEM NO.	PRODUCT	EACH	
		1-11	12+
4599 10631	Digital Thermometer	\$25.95	\$24.95

Waterproof Digital Thermometer

Anti-Microbial additive* in plastic case inhibits growth of pathogens.

- Range: -40° to 392 °F/-40° to 200 °C.
- Min./Max. and hold modes.
- 6 second response time.
- °C/°F switchable. • Probe: 2-3/4 inches.
- Requires 1.5 V battery (included). 

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For Replacement Batteries




Clips easily onto pocket for storage when not in use.

ITEM NO.	PRODUCT	EACH	
		1-5	6+
3611 00441	Waterproof Digital Probe	\$30.95	\$29.95

*The anti-microbial additive does not protect users or others against food bacteria. Always clean and wash this product thoroughly before and after each use.

Waterproof Digital Pocket Thermometer with Temperature Alarm

Thermometer can be programmed to provide a visual alarm once the set temperature is reached.

- Anti-microbial plastic* case inhibits growth of pathogens.
- Eliminate the risk of a mercury spill — thermometer stores the maximum heat registered and is waterproof.
- Range -40° to 450°F; -40 °C to 232 °C. Accurate +/- 2 °F/1 °C.
- 4½-inch stem length with reduced tip for delicate products and quick (<6 seconds) response time.
- Auto off after 10 minutes of non-use.
- Includes yellow, anti-microbial casing and sleeve.
- Dishwasher safe.
- Maximum and minimum temperature memory, plus hold mode.
- Requires 1.5 V battery (included). 


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ITEM NO.	PRODUCT	EACH	
		1-5	6+
3098 0450	Pocket Thermometer	\$39.95	\$38.95

*The anti-microbial additive does not protect users or others against food bacteria. Always clean and wash this product thoroughly before and after each use.

Digital Thermometer

- Range: -58 °F to +500 °F/-50 °C to +260 °C.
- 0.1 °F/C resolution.
- Continuous update.
- 5-inch stainless steel stem.
- Flat edge design won't roll-off counters.
- Requires 1.5 V battery (included). 

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For Replacement Batteries



Pocket clip sheath for stem protection.

ITEM NO.	PRODUCT	EACH	
		1-5	6+
3542 41211	Digital Thermometer	\$19.95	\$18.95

Atkins AquaTuff™ Waterproof 351 Wrap&Stow™ Digital Thermometer

Designed for precise temperature measurement with Total System Accuracy™ of ±0.9 °F (±0.5 °C).

- 32-inch cable features "wrap and stow" storage.
- Water-resistant construction. rugged ABS plastic housing.
- Temperature range: -100 °F to 500 °F (-73 °C to 260 °C).
- Heavy-duty patented probe cable is reinforced with Kevlar® and stainless steel braid.
- DuraNeedle probe can be replaced with any type "K" probe shown below.
- Probe is calibrated with instrument for Total System Accuracy™.
- Quickly switch between Fahrenheit and Celsius.
- Auto shut off after 10 minutes of non-use.
- Includes 5 year manufacturer warranty on thermometer unit.
- Compact size: 2-1/10 inches x 6-1/4 inches x 1 inch.
- Requires two AAA batteries (included).

For Replacement Batteries ▶ SEE PAGE 568

Large, easy-to-read LCD screen.

Wind cord and secure probe into side channel for protection and convenience.



Wrap&Stow™ probes can be easily replaced in the field without tools or need for calibration.

ITEM NO.	PRODUCT	EACH
3098 51321	AquaTuff™ 351 Wrap&Stow™ Thermometer w/DuraNeedle Probe	\$379.95
3098 50321	DuraNeedle Wrap&Stow™ Replacement Probe	149.95
3098 50401	MicroNeedle Wrap&Stow™ Optional Probe	149.95

TYPE "K" THERMOCOUPLE PROBE — Works with ANY thermocouple thermometer!

Atkins EconoTemp Thermometer

- Type "K" thermocouple.
- Temperature range: -40 °F to 500 °F (-40 °C to 260 °C).
- Accuracy +/- 2 °F (1 °C)
- Flash-based micro-controller hardware circuit design.
- Low battery indicator and auto shut off.
- Custom LCD with easy-to-read screen.
- Shock-resistant rubber boot for added protection.
- 4-inch probe with a 24-inch cable.
- Includes standard probe.
- Also available with a heavy-duty probe.
- Dimensions: 2-1/2 inches L x 1 inch D x 6-1/2 inches H.
- Requires three AAA batteries (included).



▶ SEE PAGE 568 For Replacement Batteries

Soft carrying case included with Item A. (#3098 01131).

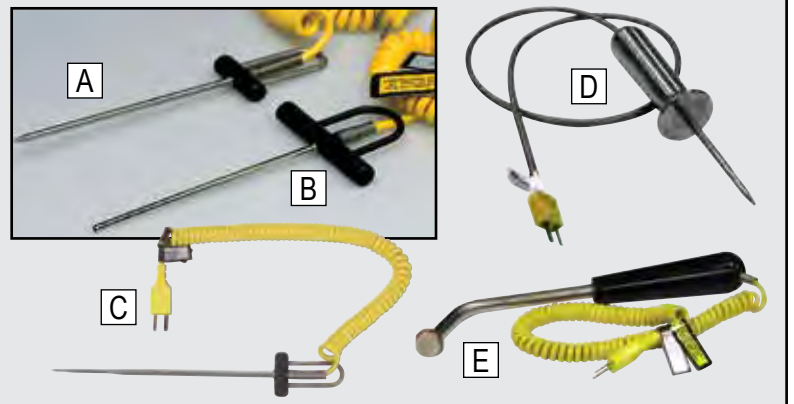
ITEM NO.	PRODUCT	EACH
3098 01131	A. Thermometer w/Standard Probe (Includes Soft Carry Case)	\$231.95
3098 32301	Thermometer w/Heavy-Duty Probe	240.95
3098 1901	B. Replacement Standard Needle Probe	69.95
3098 0336	C. Replacement 6" Heavy-Duty DuraNeedle Probe	114.95



TYPE "K" THERMOCOUPLE Optional Probes

- All type "K" thermocouple probes are interchangeable and may be used with any digital thermometer requiring one.
- Features a high-visibility yellow coiled cord.

ITEM NO.	PRODUCT	EACH
3098 0335	A. 4-1/2" Penetration Probe	\$103.95
3098 0332	B. Air Sensor Probe	114.95
3098 0336	C. Replacement 6" Heavy-Duty DuraNeedle Probe	114.95
3098 0101	D. 6" Frozen Product Probe	269.95
3098 0012	E. Angled Bell Surface Probe	149.95





A

Large, easy-to-read display. Includes clock function with countdown timer which checks how long a probe is inserted for a more accurate reading.

Optional Soft Carrying Case.

C48 Thermocouple Thermometer

This digital thermometer includes MAX., MIN. and HOLD functions, for improved convenience.

- Type K thermocouple. • Easy-to-read display. • Min./Max. button.
- Rugged, waterproof polycarbonate case with Biocote® antimicrobial protection.
- Rated IP65/IP67 dust and waterproof standards.
- Includes a clock function with countdown timer that checks how long a probe is inserted for a more accurate reading.
- Temperature Range: -328 °F to +2,502 °F. • Accurate within +0.02 °C or 0.04 °F.
- Selective auto switch-off preserves battery life. • Probes sold separately.
- Requires two AA batteries (included).

ITEM NO.	PRODUCT	EACH
A692 00181	A. C48 Thermocouple Food Thermometer	\$179.95
A692 03151	B. Optional Soft Carrying Case	21.95

Probes Sold Separately Choose from the following three:



Tapered Penetration Probe. Heavy-duty reinforced ring with a tapered probe shaft allowing temperature to transfer faster.



Penetration Probe. Heavy-duty reinforced ring.



Stainless Steel Oven Probe. Withstands up to 350 °F.

ITEM NO.	PRODUCT	EACH
A692 00191	C. Optional Tapered Penetration Probe, 3-1/2" Long, 1/16" Diameter	\$75.95
A692 00241	D. Optional Penetration Probe, 4" Long, 1/8" Diameter	67.95
A692 00231	E. Optional Stainless Steel Oven Probe, Heat-Resistant Lead	90.95

TYPE "K" THERMOCOUPLE PROBE — Works with ANY thermocouple thermometer!

Digital Food Processing Thermometer with Clock

Extra-tough, waterproof housing makes this thermometer perfect for the food processing and seafood industries. Plus, it has a 2-year battery life guarantee!

- Permanent clock reading, countdown timer and data hold all displayed on the easy-to-read screen.
- Countdown timer determines how long probe is in product to obtain the most accurate of readings
- Heavy-duty ABS plastic housing with BioCote®, an antimicrobial agent that reduces potential contaminations.
- Reinforced 4-inch stainless steel probe.
- Secure Lumberg probe connection with coil cable extending over 3 feet.
- Range: - 328° to +752 °F/-200° to 400 °C. Accuracy: +/- 0.9 °F or +/- 0.5 °C.
- Type T thermocouple standard. • Auto switch-off after 3-, 10-, or 30-minutes.
- Dimensions: 3-1/10 inches L x 1-1/5 inches D x 7-1/5 inches H.
- Operates on two 3.6 V lithium cell batteries (included). Batteries are non-replaceable to increase waterproof rating.



Rubber boot protects from impact damage, extending unit life. Pops off for easy cleaning.

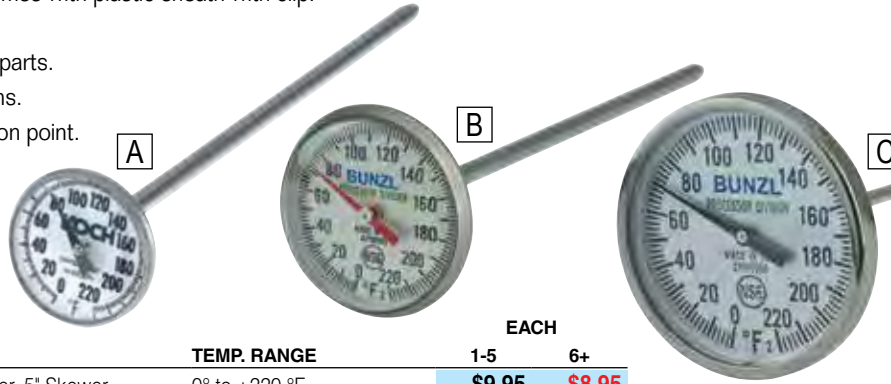
ITEM NO.	PRODUCT	EACH
A692 90941	Thermometer w/Penetration Probe and Protective Boot	\$430.95
A692 00271	Replacement 4" Penetration Probe	78.95
A692 02291	Optional 5-1/2" Corkscrew Probe	328.95
A692 00261	Optional 4" Penetration Probe w/Heat-Resistant Lead	78.95

Optional corkscrew probe.



Stainless Steel Bi-Metal Pocket Dial Thermometers

- 1-inch dial thermometer comes with plastic sheath with clip.
- External easy recalibration.
- All stainless steel external parts.
- Shatter-resistant plastic lens.
- Accuracy $\pm 1^\circ\text{F}$ at calibration point.
- NSF approved.



1-inch dial includes probe sheath and pocket clip. FREE Calibration tool included on sheath.

ITEM NO.	PRODUCT	TEMP. RANGE	EACH	
			1-5	6+
3542 92221	A. 1" Dial Diameter, 5" Skewer.....	0° to +220 °F.....	\$9.95	\$8.95
3542 9621	1" Dial Diameter, 5" Skewer.....	-40° to +160 °F.....	8.95	7.95
3327 0044	B. 1-3/8" Dial Diameter, 5" Skewer.....	0° to +220 °F.....	20.55	18.55
3327 0225	2" Dial Diameter, 5" Skewer.....	0° to +220 °F.....	22.65	21.65
3327 1225	C. 2" Dial Diameter, 8" Skewer.....	0° to +220 °F.....	21.55	20.55

HACCP Approved Dial Pocket Thermometer



3-Point Calibration. Rustproof—dust proof—leakproof. Hermetically sealed.

- Ranges: 0 °F to 220 °F; -40 °F to 160 °F.
- High-visibility dial graphics.
- PT-50R accuracy to within $\pm 0.5^\circ$.
- 5-inch stem. • Lexan® lens.

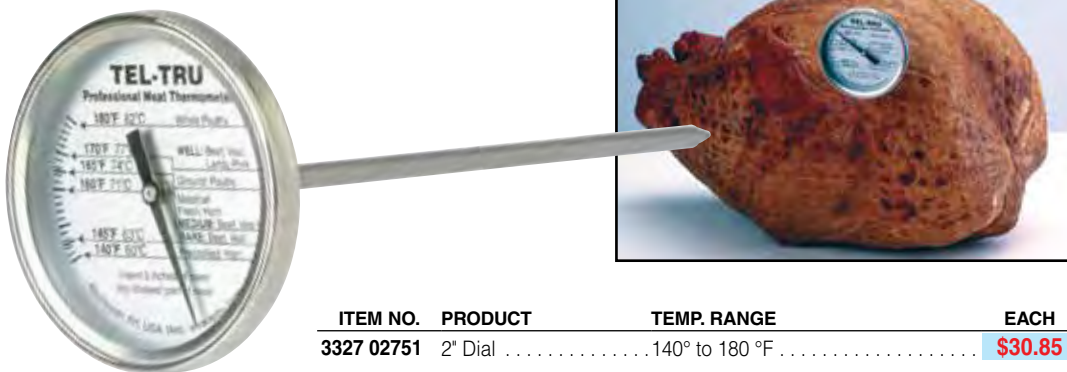


ITEM NO.	PRODUCT	EACH
3327 1050	0° to +220 °F.....	\$22.65
3327 0050	-40° to +160 °F.....	22.65

2-Inch Cooking Thermometer



- Stainless steel bi-metal thermometer has a heavy-duty 5-inch stem.
- Easy-to-read dial lists the "wellness" of meat (i.e. rare, medium and well-done).
- Hermetically sealed with heat compensated bezel.
- Designed with glass lens to withstand oven temperatures.



ITEM NO.	PRODUCT	TEMP. RANGE	EACH
3327 02751	2" Dial.....	140° to 180 °F.....	\$30.85

Thermometer Pan Clip

- Stainless steel construction.
- Perfect for hands-free temp monitoring.



ITEM NO.	PRODUCT	EACH
3327 2401	Pan Clip.....	\$3.05

Dual Scale Pocket Thermometer



- Plastic watertight lens.
- Stainless 5-inch stem
- 1-3/4-inch dial.
- 3-pt. calibratable.
- External calibration nut.



ITEM NO.	PRODUCT
3327 3606	0° to +220 °F/18° to +105 °C

EACH
\$21.55

NEED ASSISTANCE? 800-456-5624

Our experienced customer service representatives are available to answer your questions, find the products you are looking for, check product availability, as well as take your order.



Stainless Steel Long Stem Thermometers

Ideal for many food and beverage or general lab use applications. Easy-to-read 3-inch dial.

- Bi-metal, scale range: 0° to 250 °F, tapered tip for quick response time.
- Anti-fog, shatterproof acrylic lens is hermetically sealed to housing.
- All stainless construction.
- Heavy-duty reinforced stem, pointed for easy insertion.
- Optional EZ-insertion threaded handle is easily removed for cleaning and storage. (order separately).



Optional, removable aluminum handle is recommended for use with long stems.

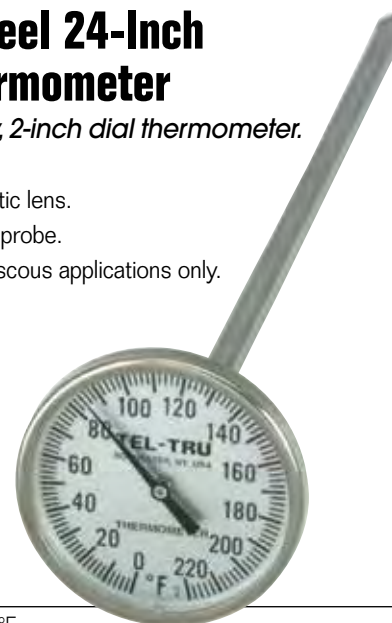


ITEM NO.	PRODUCT	EACH
3327 23001	12" Stem Length, 1/4" Stem Diameter	\$68.95
3327 18001	18" Stem Length, 2/5" Stem Diameter	100.85
3327 24001	24" Stem Length, 2/5" Stem Diameter	148.25
3327 3667	36" Stem Length, 2/5" Stem Diameter	169.85
3327 83001	48" Stem Length, 2/5" Stem Diameter	201.85
3327 90011	Insertion Handle	46.75

Stainless Steel 24-Inch Skewer Thermometer

Bi-metal economy, 2-inch dial thermometer.

- 2-inch dial.
- Shatter-resistant plastic lens.
- Long 24-inch skewer probe.
- For liquid and semi-viscous applications only.



ITEM NO.	PRODUCT	EACH
3327 2456	0° to +220 °F	\$58.65

Barbecue Thermometer with 4-Inch Stem

Therm can be installed on pit, smokers and cookers with installation kit (sold separately).

- All stainless steel barbecue thermometer.
- Heavy-duty construction.
- Hermetically sealed.
- 3-inch black dial with heat zones.
- 1/2-inch NPT connection.
- 4-inch stem x 1/4 inch dia.
- 100 °F - 500 °F temperature range.

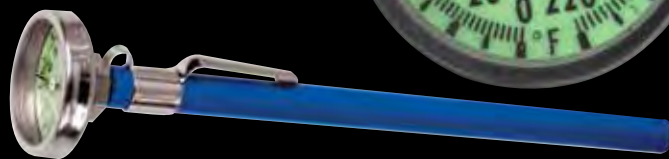


ITEM NO.	PRODUCT	EACH
3327 43301	BBQ Bi-Metal Thermometer	\$72.05
3327 31011	Installation Kit	12.35

Pocket Glo-Thermometer

1-inch mini-dial "glows-in-the-dark" making it easy to read in low-light conditions.

- Recharge the face with room lighting or even a flashlight.
- Ranges: 0° to 220 °F, or -40° to 160 °F.
- External zero reset for easy recalibration.



ITEM NO.	PRODUCT	EACH	
		1-5	6+
3327 15591	1" Dial, 8" Stem, 0° to +220 °F	\$25.75	\$24.75
3327 15541	1" Dial, 5" Stem, 0° to +220 °F	25.75	24.75
3327 15531	1" Dial, 5" Stem, -40° to +160 °F	25.75	24.75

Adjustable Angle, Bi-Metal Dial Thermometer

- 3-inch dial adjustable angle • 1/2-inch NPT connection.
- Glass lens (other options available).
- Head rotates 360° and stem positioning over 180°
- Tru Anti-Parallax dial, easy-to-read from any angle.
- Accuracy +/-1% full span per ASME B40.3 Grade A.
- Hermetic Seal per ASME B40.3 dust proof and leakproof.
- Temperature Range 0/250 °F/°C dual scale (custom ranges available).
- Stem length 2-1/2 inches x 1/4 inch diameter (custom lengths available).
- 304SS external parts.
- Corrosion resistant to most chemicals.
- 8-year manufacturer warranty.



ITEM NO.	PRODUCT	EACH
3327 00271	Adjustable Angle, Bi-Metal Thermometer	\$114.25

BI-METAL AND DIAL THERMOMETERS

PRICES ARE SUBJECT TO CHANGE • MINIMUMS MAY APPLY • VISIT OUR WEBSITE FOR CURRENT PRICING.

High-Low Thermometer

Registers maximum and minimum temperatures for any period and shows present reading.

- "U" shaped thermometer tube is mounted on adjustable scales.
- Temperature range: -40 °F to 120 °F.
- To reset, press center button and hold down.
- 10-inch x 2-1/2-inch plastic case.



ITEM NO.	PRODUCT	EACH
3542 54601	High-Low Thermometer	\$26.95

Cold/Dry Storage Wall Thermometer

- Painted metal frame mounts easily to flat surface.
- Easy-to-read even in poor lighting.
- Temperature range: -30 °F to 120 °F or -50 °F to 70 °F.
- Graduated in 2° increments.
- 12 inches L x 2-1/2 inches W.



ITEM NO.	PRODUCT	EACH
3542 1105	-30° to 120 °F	\$19.95
3542 1106	-50° to 70 °F	19.95



Wall Thermometer

- Plastic housing will not rust!
- 8-1/2-inch spirit filled glass thermometer is protected by recessed plastic housing.
- Temperature range: -20 °F to 120 °F.

ITEM NO.	PRODUCT	EACH
A692 30041	Wall Thermometer	\$5.95

Large Dial Wall Thermometer

- Easy-to-read 12-inch face.
- Temperature range: -60 °F to 120 °F.
- Heavy-duty plastic construction will not rust.



ITEM NO.	PRODUCT	EACH
3542 58251	Wall Thermometer	\$19.95

Refrigerator/Freezer Thermometer

- Completely enclosed horizontal, glass tube filled with non-toxic liquid.
- Dual scale, Fahrenheit and Centigrade, magnifying lens.
- Overall dimensions with rack hanging hooks: 5 inches x 1-3/4 inches.
- Dual range: -40 °F to +80 °F and -40 °C to +26.7 °C.

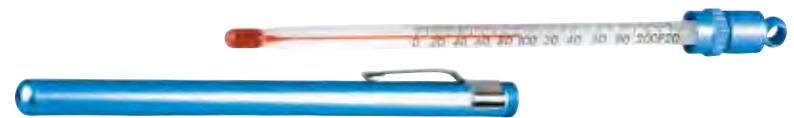


► 12 PER CASE.

ITEM NO.	PRODUCT	EACH	
		1-11	12+
A692 00021	Refrigerator/Freezer Thermometer	\$11.95	\$10.95

Shake Down Thermometer

- Glass tube with aluminum case.
- Accurate to + 1% of full range.
- Contains permacolor as a non-toxic substitute for mercury.
- Gradations and numbers will not fade or scratch and can be read in low light.



► 12 PER CASE.

ITEM NO.	PRODUCT	EACH	
		1-11	12+
3542 41221	-50° to 120 °F	\$19.95	\$18.95
3542 4632	0° to 220 °F	19.95	18.95

Hot Water Thermometer

- Protective 15-inch long hardwood frame surrounds glass tube thermometer.
- Range: 10 °F to 220 °F. Accurate to ±2°.



ITEM NO.	PRODUCT	EACH
3849 03591	Hot Water Thermometer	\$48.95

Disposable Thermometer Probe Wipes

HACCP probe wipes for use in sterilizing thermometers between each use.

- For any thermometer with a probe, simply swab the metal section with a thermometer wipe for easy sanitizing.
- Anti-bacterial thermometer probe wipe helps eliminate cross-contamination when taking food temperatures.
- Ideal for promoting food safety. • 70% isopropyl alcohol wipes.
- 100 single use wipes per box. Individually packaged.
- Wipe dimensions: 2-5/8 inches L x 1-1/4 inches W.

► 100 WIPES PER BOX - 10 BOXES PER CASE.

ITEM NO.	PRODUCT	BOX
3542 00205	Disposable Probe Wipes	\$6.95





Easy to read digital display.



Wrist strap included.

Infrared Non-Contact Thermometer

Use a non-contact thermometer while cooking, receiving shipments or ensuring uniform storage temperatures.

- Pull the trigger and laser sighting measures the temperature of the targeted surface.
- Measures in either °F or °C.
- Auto switch off.
- Temperature range -25 °F to 400 °F with an accuracy of +/- 2 °F.
- 4:1 distance to spot ratio.
- Carrying pouch with wrist strap available.
- NOT CALIBRATABLE.
- Uses 9 V battery (included).

NOTE:
Carrying pouch sold separately.



► SEE PAGE 568
For Replacement Batteries

NOTE: Factory repair service is not available.

ITEM NO.	PRODUCT	DIMENSIONS	EACH
A692 00011	Non-Contact Thermometer	6" x 4" x 1-1/2"	\$86.95
A692 43671	Carrying Pouch		21.95

Infrared Thermometer



Using an infrared thermometer is the safest way to measure surface temperatures of hot, hard to reach, electrically energized or moving objects.

- 8-Point Class II Laser, enabled while measuring.
- Auto Shut-off after 15 seconds of non-use.
- Temperature Range: -76 °F to 932 °F (-60 °C to 500 °C).
- LCD with Backlight (always on while measuring).
- 12:1 Distance to spot ratio.
- Dimensions: 1-4/5 inches x 5-3/5 inches x 7-3/10 inches (46 mm x 143 mm x 184.8 mm)
- Uses 2 AAA batteries (included).



► SEE PAGE 568
For Replacement Batteries

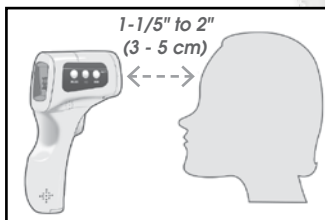
ITEM NO.	PRODUCT	F.O.B. FACTORY EACH
3098 22091	422 Infrared Thermometer	\$133.95

Non-Contact Forehead Infrared Thermometer

Ensures accurate and stable body temperature readings.

- Selectable Celsius or Fahrenheit modes.
- Selectable Body, Surface or Room modes.
- Automatic power off and data hold.
- Body mode range: 32.0 °C to 43 °C/89.6 °F to 109.4 °F
- Surface mode range: 0 °C to 60 °C/32 °F to 140 °F
- Room mode range: 0 °C to 40 °C/32 °F to 104 °F
- Requires 2 - 1.5 V AA batteries. Not included.

For Batteries ► SEE PAGE 568



Certified by:



ITEM NO.	PRODUCT	EACH
L222 00011	Forehead Thermometer	\$112.95



Scan this QR code with your mobile device to see how to calibrate this thermometer.

Clinical Thermometer

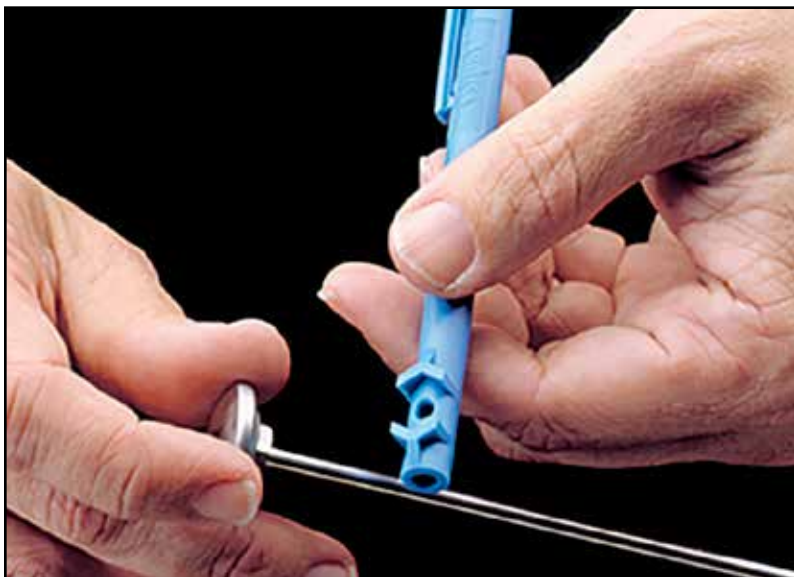
Used to calibrate non-contact thermometers.



ITEM NO.	PRODUCT	EACH
L268 00011	Clinical Thermometer	\$24.95

THERMOMETER CALIBRATION

In order to be in compliance with HACCP regulations we recommend the following thermometers be calibrated or calibration verified. Please follow the manufacturers procedures when calibrating all thermometers. Accuracy will be improved when calibrating to a temperature close to that measured. Always calibrate using a known temperature source (NIST traceable certified thermometer or instrument). Calibration should be performed on a regular basis as indicated by the table to the right.



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THERMOMETER CALIBRATION

BI-METAL POCKET		
ITEM NO.	RECOMMENDED	HOUR
3327 0050	Bi-Monthly	60
3327 02751	Weekly	36
3327 1050	Bi-Monthly	60
3327 1225	Weekly	36
3327 15531	Daily	8
3327 15541	Daily	8
3327 15591	Daily	8
3327 18001	Weekly	36
3327 23001	Weekly	36
3327 24001	Weekly	36
3327 2456	Weekly	36
3327 3606	Weekly	36
3327 3667	Weekly	36
3327 43301	Weekly	36
3327 83001	Weekly	36
3542 9621	Daily	8
3542 92221	Daily	8
DIGITAL POCKET		
ITEM NO.	RECOMMENDED	HOUR
E542 70011	Monthly	90
E542 70021	Monthly	90
E542 59091	Monthly	90
3098 0450	Monthly	90
3443 1051	Monthly	90
3542 41211	Monthly	90
3542 98671	Monthly	90
3611 00441	Monthly	90
4599 00071	Monthly	90
4599 10401	Monthly	90
4599 10501	Monthly	90
4599 10631	Monthly	90
DIGITAL HAND-HELD		
ITEM NO.	RECOMMENDED	HOUR
3098 51321	Yearly*	200
3098 01131	Yearly*	200
A692 90941	Yearly*	200
A692 00181	Yearly*	200
INFRARED DIGITAL		
ITEM NO.	RECOMMENDED	HOUR
A692 00011	Yearly*	200
3098 22091	Yearly*	200
4599 00081	Yearly*	200
L222 00011	Yearly*	200

*Calibration must be done at O.E.M.
Refer to manufacturer instructions for return shipping information to manufacturer.



Tel-Tru Check-Set Calibrators, 3-Inch Stem or Longer

Built-in tool makes adjustments fast and easy!

- Insert 3-inch or longer stemmed thermometer with a 3/8-inch, 7/16-inch or 5/8-inch hex calibration nut into the calibrator and twist. Also, please note the hex key is only for those models with 0.125-inch, 0.150-inch, 0.187-inch well insert.
- Verifies the accuracy of any stem dial thermometers and other temperature devices.
- Each unit serialized and certified traceable to NIST. • Accuracy is ± 0.02 °F.
- Heavy-duty stainless steel housing. • 115 V. • No batteries required.
- 5-foot grounded power cord. • Weight: 9 pounds (4 kg).
- Dimensions: Check-Set I Hot: 11 inch x 6-5/8 inches x 3-1/8 inches.
All other Models: 8-3/4 inches x 8-7/8 inches x 4-1/4 inches.
- Check-Set IV (D) has multi-probe receptacles to calibrate all digital and bi-metal thermometers.



Check-Set II (C) and Check-Set IV (D) have multiple points of calibration so you can calibrate closer to the temperature points you use in actual applications — increasing the accuracy of your thermometers!

NOTE: Thermometers are sold separately.

NOTE: Additional stem well sizes available as accessory to use with 3327 00281, 3327 0037 and 3327 03101. SEE BELOW.

ITEM NO.	PRODUCT	SETPOINT	FITS PROBE DIAMETERS	F.O.B. FACTORY EACH
3327 6889	A. Check-Set I Hot	160 °F	Up to 0.150"	\$949.00
3327 00281	B. Check-Set I Cold	40 °F	0.125"/0.150"/0.187"	1,100.00
3327 00371	C. Check-Set II	40 °F/160 °F	0.125"/0.150"/0.187"	1,459.00
3327 03101	D. Check-Set IV	40 °F/150 °F/161 °F/175 °F	0.187"/0.250"/0.375"	2,099.00



Scan this QR code with your mobile device to watch a video about Check-Set IV.

Well-Inserts

ITEM NO.	PRODUCT	EACH
3327 00311	Well Insert for Probe Diameter 0.156"	\$144.95
3327 00321	Well Insert for Probe Diameter 0.375"	144.95
3327 00221	Well Insert for Probe Diameter 0.500"	144.95
3327 00331	Well Insert for Probe Diameter 0.750"	144.95



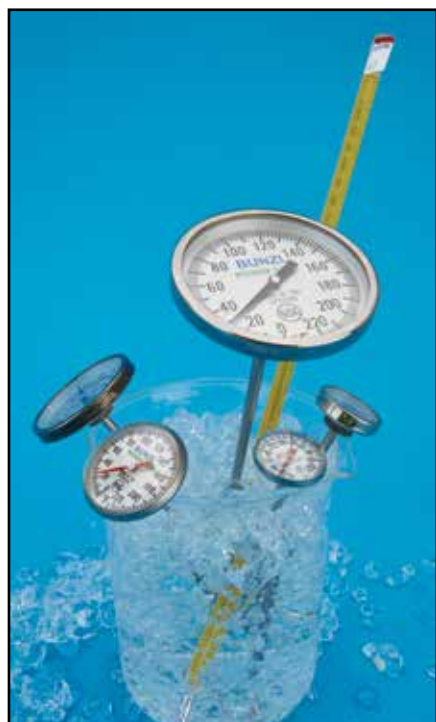
Glass Calibration Thermometer

Certified precision instrument used to calibrate both digital and bi-metal thermometers.

- Glass body with gradations and numbers that will not fade or scratch and has a yellow back for easy reading.
- Mercury is encapsulated with Teflon® to contain the mercury in case of breakage. Non-mercury filled model available.
- Certified at 32°, 122° and 212 °F; ranges: 0 °F with 1° divisions.
- NIST traceable certificate of calibration with each thermometer.



Black, plush-lined protective carrying case included with item# 3345 2521



ITEM NO.	PRODUCT	RANGE	EACH
3345 2521	A. Certified Calibration Thermometer (NOT for Use in California)	0° to 212 °F	\$299.95
3345 12301	B. Certified Calibration Thermometer* (For Use in California) Contains NO Mercury	0° to 230 °F	266.95

*Carrying case not included.



Single-Use, In-Transit Temperature Recorder

Easy-to use, portable, self-contained temperature recorder provides permanent records.

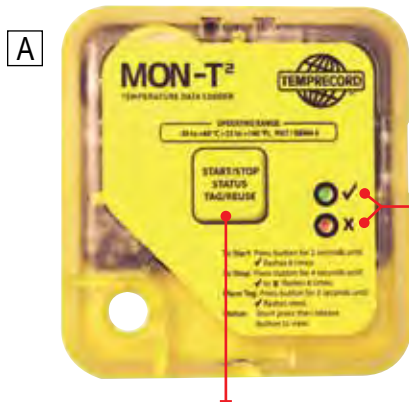
- An inexpensive and reliable way to monitor conditions during storage or transportation of temperature sensitive products. Battery powered, it generates a permanent strip-chart record of temperature conditions; the receiver simply removes the chart to review the temperature history of the shipment.
- Temperature range: -20 °F to +100 °F (-29 °C to +38 °C).
- Simple to operate.
- NIST traceable calibration.
- Visible start-up verification.
- Available in 10 and 40 day charts.
- Dimensions: 6-1/2 inches L x 2-3/5 inches W x 3-1/2 inches H.
- Weight: 10.5 ounces.

ITEM NO.	PRODUCT	EACH
3529 01101	Ten Day	\$14.95
3529 01401	Forty Day	14.95

Temprecord Temperature Data Loggers

For monitoring perishable or temperature-sensitive products in transit or as part of the cold chain.

- Fully welded food grade plastic case.
- FDA compliant.
- Recyclable.
- Case Protection Waterproof to IP67 and/or Nema 6.
- Manganese Dioxide Lithium (3.0 V) battery. Enclosed in logger.
- Compliance made easy with automated PDF report generation. Use speed-buttons from TempWrite software to:
 - Save as TempWrite *.TWD files;
 - Save as *.PDF files;
 - Export to MS Excel;
 - E-mail or print.



LED Status Indicators: By simply pressing button to view status, the ✓ (green) and × (red) LED indicators allow instant confirmation of recorded data being within or outside of specified upper and lower temperature range. When button pressed and released, the green LED will flash three times if recorded temperature is within limits or the red LED will flash three times if recorded temperature is outside limits.

Push button feature allows user to 'Start' or 'Stop' data logger in the field. Also allows placement of tags. Functionality of the Push Button can be enabled or disabled through TempWrite software.

A. MON-T² Economy Logger

Ideal for transportation!

- 16K non-volatile memory.
- Temperature accuracy: 1 °F (0.5 °C).
- Case range: -22 °F to +140 °F (-30 °C to +60 °C)
- Display resolution 0.1 °C/0.1 °F
- No traceable calibration certificate available.
- Sample capacity: 16,384 samples.
- Recording duration: 8.8 hours (up to 12 months).
- Easily download data using Temprecord Reader Interface.
- Push button start/stop/status.
- Weight: 1.62 ounces (55 g)
- Dimensions: 3 inches L x 2-7/8 inches W x 5/8 inches D (77-1/2 mm L x 73-1/2 mm W x 14 mm D).
- Compatible with Windows 7, 8 and 10.
- Warranty: 12 months or 200,000 samples.



LED Status Indicators: 'Within limits' (Green) LED Indicator and 'Out of limits' (Red) LED Indicator allow instant confirmation of recorded data being within or outside of specified upper and lower temperature range.

Push Button feature allows User to 'Start' or 'Stop' data logger in the field. Also allows for the setting of indication 'Markers' during data recording for future reference. Functionality of the Push Button can be enabled or disabled through TempWrite software.

Optional probe with easy-to-grip plastic probe handle.

Fully moulded and ultrasonically welded retaining hole for easy securing of the data logger within different environments.

C. USB Reader Interface

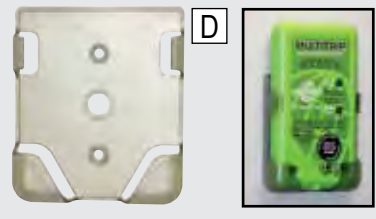
Required to read/download data from loggers.

- Connect to computer via USB port.



D. Optional Plastic Logger Holder

Allows for mounting logger to wall or surface.



B. MULTITRIP Logger

Available with or without plastic handle probe.

- 8K non-volatile memory.
- Calibrated temperature accuracy: 0.35 °F (0.2 °C).
- Case range: -13 °F to +140 °F (-25 °C to +60 °C).
- Display resolution: 0.01 °F (0.01 °C).
- 3-Point Calibration built into logger: Superior accuracy with no need for corrections or calculations to be applied to downloaded data; avoids human data entry errors.
- Traceable Calibration Certificate included.
- Sample capacity: 7,935 samples.
- Recording duration: 4.4 hours (up to 2 years).
- Push button start/stop or mark.
- Weight: 2.85 ounces (81 g).
- Dimensions: 5-1/8 inches L x 2-7/8 inches W x 5/8 inches D (129 mm L x 73-1/2 mm W x 14 mm D).
- Compatible with Windows XP, Vista and Windows 7
- Warranty: 12 months on logger; 24 months on battery.

ITEM NO.	PRODUCT	EACH
F756 00021	A. MON-T ² Economy Logger	\$70.95
F756 14161	B. MULTITRIP Logger (No Probe)	222.95
F756 31311	MULTITRIP Logger (With Probe)	382.95
F756 14171	C. USB Reader Interface	189.95
F756 21831	D. Plastic Logger Holder	25.95



NOTE:
Other probes
available.
Call for details.

Replacement
sensor and
probe.

8-Inch Temperature Chart Recorder with Alarm

- Rugged black ABS case, polycarbonate door with aluminum dial.
- Includes AC adapter, red pen, four AA batteries, quick start guide and 4-foot bead-wire probe.
- User selectable temperature ranges: -50 °F to 50 °F/°C, -20 °F to 20 °F/°C, 0 °F to 100 °F/°C, 0 °F to 150 °F/°C, 0 °F to 250 °F/°C, 0 °F to 500 °F/°C, 0 °F to 1,000 °F/°C, 0 °F to 2,000 °F.
- 120 to 240 VAC, 12 VDC (INTL fittings available); optional AC adapter available.
- Keypad functions include power on/off, pen home and alarm.
- Mounting options include free standing or wall mounted. • 6-foot power cord.
- Charts sold separately. • Chart rotation speed: 24 hours, 7 day or 31 day.
- Dimensions: 3-1/10 inches L x 9-1/5 inches D x 9-1/5 inches H.
- Alarm types are audio/visual on high/low limits.
- Temperature Accuracy: ± 1.8 °F from -22 °F to 122 °F 3.8F remaining (+/- 1 °C from -30 °C to 50 °C 2.1C remaining).
- Battery Backup: Four AA Batteries. Powers unit for up to 3 days. 72 hours battery life (back-up only).

► SEE PAGE 568
For Replacement Batteries

ITEM NO.	PRODUCT	F.O.B. FACTORY EACH
3368 10081	Temperature Chart Recorder	\$665.95
3368 04001	Replacement Sensor	134.95
3368 1013	Replacement Bead Wire Probe	53.95
3368 0222	Replacement Red Pens (6-Pack)	66.95
3368 01571	Optional AC Adapter	42.45
3368 0411	8" Chart, 24-hr, -50° to 50 °F/C (60 per Pack)	59.95
3368 0410	8" Chart, 24-hr, 0° to 100 °F/C (60 per Pack)	61.95
3368 0414	8" Chart, 7-Day, -50° to 50 °F/C (60 per Pack)	61.95
3368 0412	8" Chart, 7-Day, 0° to 100 °F/C (60 per Pack)	61.95

3-Inch Compact Reusable Recorder

The small recorder big on flexibility.

- Easy user calibration. • Tamper seal strips available for chart reading integrity.
- °F/°C switchable; temperature ranges: 4 °F to +50 °F, -15 °C to +10 °C.
- Recording Times: 24-hour or 7-day chart.
- Dimensions: 3-7/10 inches L x 3-7/10 inches W x 2-1/5 inches D.
- Accuracy: ±2 °F (±1 °C) over full scale.
- Includes 1 AA battery and pen.

► SEE PAGE 568
For Replacement Batteries



ITEM NO.	PRODUCT	F.O.B. FACTORY EACH
3368 0377	24-Hour and 7-Day, 4° to 50 °F Temperature Recorder	\$302.00
3368 0303	24-Hour Charts for 3368 0377 (Box of 60)	61.95
3368 0304	7-Day Charts for 3368 0377 (Box of 60)	61.95
3368 0222	Replacement Red Pens (6-Pack)	66.95

4-Inch Temperature Chart Recorder

Ideal for food processing environments.

- Precise spiral-wound bi-metallic strip transducer temperature sensor.
- Temperature ranges: -22 °F to 122 °F, -30°/50 °C.
- 1-pt. NIST Traceable Certificate of Calibration available through manufacturer.
- Accuracy: ± 2% full scale. • Recording times: 7-day or 24-hour.
- Dimensions: 7 inches H x 5-1/2 inches W x 2-1/2 inches D.
- Weight: 10.4 ounces.
- Includes 1 AA battery, pen, and instruction manual.

► SEE PAGE 568
For Replacement Batteries



Real time temperature.

Flip-up pen arm for faster pen and chart changes.

4-inch chart offers 2-1/2 times the readable chart area of a 3-inch chart.

ITEM NO.	PRODUCT	F.O.B. FACTORY EACH
3368 00041	Temperature Recorder w/Digital Display	\$312.00
3368 02065	7-Day Chart, -22° to 122 °F (Box of 60)	61.95
3368 02055	24-Hour Chart, -22° to 122 °F (Box of 60)	61.95
3368 0222	Replacement Red Pens (6-Pack)	66.95