

## DIGITAL THERMOMETER

- Rugged design for field use - includes rubber holster
- Accurate to 0.3%
- °C/°F switchable
- Front panel offset adjustment to optimize accuracy
- Displays maximum reading plus data hold on large LCD display
- Includes 9V battery, holster with stand, wrist strap

### TEMPERATURE

**Range:** -50° to 1300°C / -58° to 2000°F  
**Accuracy:** 0.3% rdg + 1°C; > 1000°C - (0.5%)/0.3% rdg + 2°F  
**Resolution:** 0.1° or 1° (user selectable)  
**Dimensions:** 6.5 x 3.0 x 1.7" (165 x 76 x 43 mm including holster)  
**Weight:** 14.2 oz (403 g)



### MODEL NO. HN208 DELUXE

Complete digital thermometer kit includes model HX392 digital thermometer, air, surface and general purpose probe all in a hard carrying case for easy transportation.

Model No.	Description
HX392	Digital Thermometer, Type "K", Single Input
HN208	Thermometer Kit incl. air, surface and general purpose probes and case
HN215	5 point NIST Certificate

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### THERMOCOUPLE PROBES

Model No.	Description	Max. Temperature
HN209	Surface Probe	400°C
HN210	Spring-Loaded Surface Probe	500°C
HN211	Right-Angle Surface Probe	400°C
HN212	Air/Gas Probe	800°C
HN213	Needle Tip Probe	800°C
HN214	General Purpose Probe	700°C

## INFRARED THERMOMETERS

### MINI

- Unique flat surface and modern housing design
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indicator, auto data hold (when trigger released) and auto shut off
- Fixed 0.95 emissivity covers 90% of surface applications
- User selectable °C or °F
- Carrying case and battery included

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### WIDE RANGE MINI

- Unique flat surface and modern housing design
- Wide temperature range from -50°C to 550°C
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indicator, autodata hold (when trigger released) and auto shut off
- Fixed 0.95 emissivity covers 90% of surface applications
- User selectable °C or °F
- Carrying case and battery included

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### PROFESSIONAL HIGH TEMPERATURE

- Unique flat surface and modern housing design
- High-temperature range to 1382°F / 750°C
- Built-in laser pointer identifies target area
- 12:1 distance to spot ratio measures smaller surface areas at a greater distance
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indicator, auto data hold (when trigger released) and auto shut off
- Fixed 0.95 emissivity covers 90% of surface applications
- User selectable °C or °F
- Carrying case and battery included

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Model No.	HX242
Mfg. No.	ST-880
Measuring Range	-50°C to 280°C/-58°F to 536°F
Display	LCD Backlit
Response Time	< 1 Second
Emissivity	0.95 Fixed
Distance to Spot Size Ratio	8:1
Resolution	1°C/1°F
Dimensions	160 x 82 x 41 mm
Weight	177 grams

Model No.	HX243
Mfg. No.	ST-882
Measuring Range	-50°C to 550°C/-58°F to 1022°F
Display	LCD Backlit
Response Time	< 1 Second
Emissivity	0.95 Fixed
Distance to Spot Size Ratio	8:1
Resolution	0.1 °C up to 200 °C, 1°F over 200°F
Dimensions	160 x 82 x 41 mm
Weight	177 grams

Model No.	HX245
Mfg. No.	ST-8819
Measuring Range	-50°C to 750°C
Display	LCD Backlit
Response Time	< 1 Second
Emissivity	0.95 Fixed
Distance to Spot Size Ratio	12:1
Resolution	0.1°C up to 200°C, 1°F over 200°F
Dimensions	230 x 100 x 56 mm
Weight	290 g

8:1 field of view

8" distance	16" distance	32" distance
1" target	2" target	4" target
20cm:2.5cm	40cm:5cm	80cm:10cm

**LASER POINTER**  
For better aim of target area

### WIDE RANGER

From -58°F for freezers, and up to 1400°F for automotive and industrial applications

### DISTANCE TO TARGET RATIO

Defines the maximum spot size for measurements at a given distance.

## TRUE RMS AC/DC CLAMP METER

### WITH TEMPERATURE FUNCTION

- Measures both AC and DC current and voltage
- True RMS reading instrument permits precise measurements regardless of waveforms
- 4000-count digital display with 40-segment analog bargraph
- Audible continuity test and diode check
- Peak hold function
- Data hold function
- DCA zero function
- Low battery indication & auto power off
- Double molded housing
- Electronic overload protection
- Designed to meet IEC61010-1 Cat. III 600V

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## NON-CONTACT VOLTAGE DETECTOR AUTORANGING MULTIMETER

### WITH BUILT-IN FLASHLIGHT

- Autoranging multimeter
- Diode check and continuity test
- Flashlight • Auto power off
- Double molded housing and test leads
- EN61010-1 Cat. III, 1000V safety rating
- 0.2A/500V resettable fuse protection • 2000-count LCD

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**AC/DC voltage Range:** 600V  
**AC/DC Current Range:** 200mA  
**Resistance Range:** 20MΩ

Model No. IA050

Model No.	IA195
<b>AC Current Max. Range/Resolution:</b>	1000A/10mA
<b>Basic Accuracy:</b>	±2.5% rdg. ±5 dgt.
<b>DC Current Max. Range/Resolution:</b>	1000A/10mA
<b>Basic Accuracy:</b>	±3.0% rdg. ±4 dgt.
<b>AC Voltage Max. Range/Resolution:</b>	600V/0.1mV
<b>Basic Accuracy:</b>	±0.8% rdg. ±2 dgt.
<b>DC Voltage Max. Range/Resolution:</b>	600V/0.1mV
<b>Basic Accuracy:</b>	±1% rdg. ±4 dgt.
<b>Resistance Max. Range/Resolution:</b>	40MΩ<None>/0.1Ω
<b>Basic Accuracy:</b>	±1.0% rdg. ±4 dgt.
<b>CAPACITANCE Max. Range/Resolution:</b>	40µF/0.01nF
<b>Basic Accuracy:</b>	±3.0% rdg. ±5 dgt.
<b>FREQUENCY Max. Range/Resolution:</b>	10MHz/0.01MHz
<b>Basic Accuracy:</b>	±1.2% rdg. ±3 dgt.
<b>TEMPERATURE Max. Range/Resolution:</b>	1000°C (1832°F)/ 1°C(°F)
<b>Basic Accuracy:</b>	±3.0% rdg. ±5 dgt.
<b>Dimensions:</b>	229 H x 80 W x 49 D (mm)
<b>Weight:</b>	Approx. 303 g



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