

Digi-Sense® Scientific Thermistor and RTD Thermometers

Get more accuracy from your thermometer

- Display one, two, or three significant figures after the decimal point
- Available in thermistor or RTD versions
- Download data to computer for further analysis



Meter features a splashproof membrane keypad, Memory and Hold functions, an internal data logger that captures the Min/Max temperature every hour for a 24-hour period, and °F/°C selection. The fast-response general-purpose penetration probe (included) displays even the slightest temperature change instantly. Readings are updated three times a second.

What's included: General-purpose penetration probe, plastic carrying case, one 9 V battery, and NIST-traceable calibration report supplied by the manufacturer.

Model	Description	Cat. no.	Price
4000 (USB)	Single-input thermistor thermometer with USB input general-purpose probe	GY-90080-09	
6412 (USB)	Single-input RTD thermometer with USB input general-purpose probe	GY-37804-06	
6413 (USB)	Single-input RTD thermometer with USB input flexible wire bullet probe	GY-37804-07	
Probes			
4021	Micro probe for model 4000 USB	GY-90080-19	
4111	Replacement general-purpose probe for model 4000 USB	GY-90080-18	
6422	Replacement general-purpose probe for model 6412 USB	GY-37804-08	
6423	Replacement flexible wire bullet probe for model 6413 USB	GY-37804-09	

Specifications

Range: -58 to 302°F (-50 to 150°C)
Resolution: 0.001°
Accuracy: ±0.05°C between 0.0 to 100°C
Output: USB
Dimensions (W x H x D): 5½" x 3½" x 1¼"
 (140 x 89 x 32 mm)
Power: One 9 V battery (included)

Accessories

- [GY-90080-21](#) Data acquisition with USB cable
- [GY-90225-22](#) AC adapter
- [GY-90225-29](#) Padded carrying case
- [GY-09376-04](#) Replacement batteries, 9V. Pack of 4

- [GY-17002-06](#) NIST-traceable calibration with data for meter and probe
- [GY-17002-04](#) NIST-traceable calibration with data for RTD meter and probe

Digi-Sense® Thermocouple Thermometer

Don't wait for measurements

- Fast-response microprocessor updates the display twice a second
- Water-resistant case
- NIST-traceable calibration for more accuracy

The meter features Recall, Min/Max, Hold, °F/°C selectable units, count-up timer, and high/low alarm. Accepts type K thermocouple probes with miniconnector. Backlighting button permits reading in dark areas.

What's included: beaded-wire type K probe, three AAA batteries, and NIST-traceable calibration report supplied by the manufacturer.



Specifications

Resolution: 0.1°F/°C between -199 to 1369°F (-128 to 742°C) outside range resolution 1°F/°C
Accuracy: ±1° from -58 to 1364°F (-50 to 740°C), otherwise ±2°
Power: three AAA batteries (included)

Type	Range	Catalog number	Price
Single input, K	-328 to 2498°F (-200 to 1370°C)	GY-91210-30	

Digi-Sense® Workhorse Thermocouple Thermometer

Get accurate measurements, affordably

- NIST-traceable for more accuracy

Adjustable offset lets you adjust the thermometer exactly to a specific temperature, in-house calibration, or particular sensor for increased accuracy. Workhorse features Hold button, °F/°C selectable units, and auto power-off. Accepts every type K thermocouple probe with miniconnector.

What's included: one type K probe (5" L x ⅛" dia tip), bench stand, carrying case, one 9 V battery, and NIST-traceable calibration report supplied by the manufacturer.



Specifications

Resolution: 0.1° between -50.0 to 200°C and 1° otherwise
Accuracy: ±(1°C + 0.75%) from 0 to 500°C; ±(1°C + 1%) from 500 to 750°C; ±(1°C + 2%) from 750 to 1000°C; ±(3°C + 4%) from 1000 to 1200°C; ±2°C at -20°C; ±3°C at -40°C; and ±4°C at -50°C
Power: one 9 V battery (included)

Type	Range	Catalog number	Price
Single input, K	-58 to 2372°F (-50 to 1300°C)	GY-91210-45	