

OAKTON[®] Thermistor, 400 Series-compatible thermistor and RTD Acorn[™] Temp 4, 5 & 6 meters

Compact, rugged meters for **economical temperature measurement.**

All push button operation

for fast, easy use—no trimpots to adjust!

Compact size

fits right in your pocket

°C/°F selectable

Minimum and maximum temperature display

Displays highest/lowest temperature since meter was switched on, or use Min/Max Hold Mode to continuously update lowest/highest temperature

Temperature offset calibration adjustment

push-button adjustment for fine-tuning factory calibration

Hold function

freezes measurements for convenient reading and recording

Auto-off function

turns off meter after 17 minutes of non-use to save batteries

Optional protective boot

protects meter and features a built-in stand

Choose from three models:

Temp 4 Thermistor Meter:

Compatible with all 400 series probes

Select the right probe for your specific application; or use with probes you already have

Temp 5 Thermistor Meter:

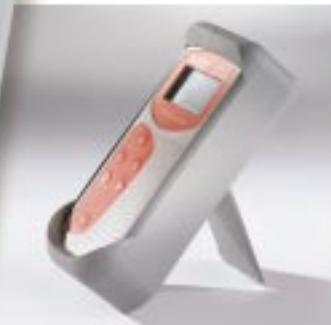
Comes complete with probe for our lowest system price

Meter and probe offer high $\pm 0.2^{\circ}\text{C}$ accuracy

Temp 6 RTD Meter:

Compatible with 100 Ω Pt RTDs

For excellent accuracy, stability and repeatability over a wide temperature range



Above: Acorn Temp 5 meter shown actual size.

Top right: Acorn Temp 6 shown with optional rubber boot.

Middle right: Acorn Temp 5 meter comes complete with probe for $\pm 0.2^{\circ}\text{C}$ accuracy at an economical price.

Lower right: Acorn Temp 4 meter works with all 400 series probes, including specialty probes like air/gas, penetration and surface probes.

Rugged, dependable temperature meters for a surprisingly economical price!

Choose between three meters. The Acorn Temp 4 is compatible with all 400 series thermistor probes, which allows you to customize your probe for your specific application. The Temp 5 thermistor thermometer comes complete with probe for our most economical system price: perfect for routine temperature measurement. The Temp 6 RTD thermometer takes readings over a larger temperature range than thermistor thermometers.

The Acorn Temp meters offer easy access connections for a thermistor or RTD probe. The splash-resistant membrane keypad helps protect meter components from occasional spills. The large LCD gives you a clear reading at a glance, and warns you of low-battery conditions or calibration errors. Order the optional rubber boot to protect your meter from drops and dings. See the back of this sheet for ordering information, complete specifications and accessories.

OAKTON[™] ...setting the standard, again and again[™]

Large Custom LCD for clear and easy readings.



Easy access connections for thermistor or RTD probe.



Splash-resistant membrane keypad helps protect components.



Optional rubber boot offers sturdy protection for meter and acts as meter stand for benchtop use.



ACORN™ Temp 4, Temp 5 & Temp 6 meters

• Applications •

General Applications: Ideal for any application that requires measuring/monitoring the temperature of any liquid, semisolid or gel.

Food Processing/Agricultural Applications: Use as a substitute for glass thermometers where the danger of product contamination exists. Use the Temp 4 with a penetration probe for insertion into semisolids like fruits, semifrozen foods or soil.

Industrial Applications: Use in photo developing, chemical and plating industries.

Laboratory Applications: Monitor heating or cooling samples and reagents.

Educational Applications: An ideal student thermometer—select °C or °F with the push of a button, and avoid dangers from broken glass or mercury spillage.

HVAC Applications: Use Min/Max feature to monitor heating and cooling efficiency.

• Specifications •

Model	Temp 4 and Temp 5 thermistor thermometers	Temp 6 RTD thermometers
Range	–40 to 125°C / –40 to 257°F	–200 to 850°C / –328 to 1562°F
Resolution	0.1°C / 0.1°F	0.1°C/0.1°F from –99.9 to 199.9°C/–147.8 to 391.8°F; 1.0°C/1.0°F outside this range
Accuracy	±0.2°C / 0.4°F	±0.2°C / 0.4°F from –99.9 to 199.9°C/–147.8 to 391.8°F; ±2.0°C/4.0°F outside this range

Input connector:

Temp 4 and Temp 5: 6.3 mm phono jack

Temp 6: three-pin locking connector

Display: single line LCD

Operating Temperature: 0 to 50°C

Power: 4 x 1.5 V AAA batteries >200 hours continuous use (included)

Probe:

Temp 4: accepts series 400 thermistor probe (not included)

Temp 5: custom thermistor (included)

Temp 6: two-wire Pt100 probes (alpha = 0.003850 DIN IEC 751)

Dimensions:

Meter: 5.5" x 2.7" x 1.3" (14 x 7 x 3.5 cm)

Boxed: 9.25" x 6.5" x 3.0" (23.5 x 16.5 x 7.5 cm)

Weight: Meter only: 0.9 lb (408 g); Boxed: 1 lb (450 g)

• Ordering Information •

ACORN™ Temp Meters

All meters include operating instructions and batteries. Shipping weight: 1.0 lb (0.5 kg).

WD-35626-00 Temp 4 meter, temperature probe not included, use with any 400 series probe

WD-35626-02 Temp 4 meter in protective boot, temperature probe not included, use with any 400 series probe

WD-35626-10 Temp 5 meter, includes temperature probe

WD-35626-12 Temp 5 meter in protective boot, includes temperature probe

WD-35626-20 Temp 6 meter, temperature probe not included

WD-35626-22 Temp 6 meter in protective boot, temperature probe not included

Probes and Accessories

WD-93824-00 General purpose probe for Temp 4 meter, temperature range: –40.0 to 125.0°C / –40 to 257°F, 316 SS with 3-ft cable. Shpg wt 0.15 lb (0.1 kg)

WD-35626-50 Replacement probe for Temp 5 meter, temperature range: –40.0 to 125.0°C / –40 to 257°F, 316 SS with 3-ft cable. Shpg wt 0.15 lb (0.1 kg)

WD-35626-60 General purpose probe for Temp 6 meter, temperature range: –50.0 to 150°C / –58 to 302°F, 316 SS with 3-ft cable. Shpg wt 0.15 lb (0.1 kg)

WD-35606-80 Protective rubber boot, encases meter in sturdy rubber to protect it from drops and dings. Also features meter stand for convenient tabletop use. Shipping weight: 0.5 lb (0.2 kg)

WD-09376-00 Replacement batteries, 1.5 V AAA. 12/pack

NIST-Traceable Calibration and Certificates are available;
please contact your authorized OAKTON distributor for more information.

See our bulletin Temp B3 for our Temp TC Thermocouple Thermometer.

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• ORDER FROM •