

PROVA-125 Temperature Calibrator



FEATURES

- Simple & Easy to key-in the exact temperature value you need
- Dual LCD display to show the Reference Room Temperature at the same time
- Accept 11 different type of Thermocouple (K, J, E, T, R, S, N, L, U, B, C)
- Auto-Ramp & ΔT function



| Type | Range | | Accuracy | |
|----------|-------------|-------------|--------------------------------|--------------------------------|
| | °C | °F | Internal Temperature Reference | External Temperature Reference |
| K | -200 ~ -100 | -320 ~ -148 | +/- 0.5°C / +/- 0.9°F | +/- 0.3°C / +/- 0.5°F |
| | -100 ~ -25 | -148 ~ -13 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | -25 ~ 120 | -13 ~ 248 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 120 ~ 1000 | 248 ~ 1832 | +/- 0.4°C / +/- 0.8°F | +/- 0.2°C / +/- 0.4°F |
| | 1000 ~ 1370 | 1832 ~ 2500 | +/- 0.5°C / +/- 1.0°F | +/- 0.3°C / +/- 0.6°F |
| J | -210 ~ -100 | -340 ~ -148 | +/- 0.4°C / +/- 0.8°F | +/- 0.2°C / +/- 0.4°F |
| | -100 ~ -30 | -148 ~ -22 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | -30 ~ 150 | -22 ~ 302 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 150 ~ 760 | 302 ~ 1400 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 760 ~ 1130 | 1400 ~ 2030 | +/- 0.4°C / +/- 0.8°F | +/- 0.2°C / +/- 0.4°F |
| T | -250 ~ -150 | -410 ~ -238 | +/- 0.7°C / +/- 1.3°F | +/- 0.5°C / +/- 0.9°F |
| | -150 ~ 0 | -238 ~ 32 | +/- 0.4°C / +/- 0.8°F | +/- 0.2°C / +/- 0.4°F |
| | 0 ~ 120 | 32 ~ 248 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 120 ~ 400 | 120 ~ 400 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| E | -250 ~ -100 | -410 ~ -148 | +/- 0.6°C / +/- 1.1°F | +/- 0.4°C / +/- 0.7°F |
| | -100 ~ -25 | -148 ~ -13 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | -25 ~ 350 | -13 ~ 662 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 350 ~ 650 | 662 ~ 1202 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 650 ~ 850 | 1202 ~ 1550 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| R | 0 ~ 250 | 40 ~ 482 | +/- 0.7°C / +/- 1.3°F | +/- 0.5°C / +/- 0.9°F |
| | 250 ~ 400 | 482 ~ 752 | +/- 0.5°C / +/- 1.0°F | +/- 0.3°C / +/- 0.6°F |
| | 400 ~ 1000 | 752 ~ 1832 | +/- 0.5°C / +/- 0.9°F | +/- 0.3°C / +/- 0.5°F |
| | 1000 ~ 1760 | 1832 ~ 3210 | +/- 0.5°C / +/- 1.0°F | +/- 0.3°C / +/- 0.6°F |

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|----------|-------------|-------------|-----------------------|-----------------------|
| S | 0 ~ 250 | 40 ~ 482 | +/- 0.7°C / +/- 1.3°F | +/- 0.5°C / +/- 0.9°F |
| | 250 ~ 1000 | 482 ~ 1832 | +/- 0.5°C / +/- 1.0°F | +/- 0.3°C / +/- 0.6°F |
| | 1000 ~ 1400 | 1832 ~ 2552 | +/- 0.5°C / +/- 1.0°F | +/- 0.3°C / +/- 0.6°F |
| | 1400 ~ 1760 | 2552 ~ 3210 | +/- 0.6°C / +/- 1.1°F | +/- 0.4°C / +/- 0.7°F |
| N | -200 ~ -100 | -320 ~ -148 | +/- 0.5°C / +/- 1.0°F | +/- 0.3°C / +/- 0.6°F |
| | -100 ~ -25 | -148 ~ -13 | +/- 0.4°C / +/- 0.8°F | +/- 0.2°C / +/- 0.4°F |
| | -25 ~ 120 | -13 ~ 248 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 120 ~ 410 | 248 ~ 770 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 410 ~ 1300 | 770 ~ 2370 | +/- 0.5°C / +/- 0.8°F | +/- 0.3°C / +/- 0.4°F |
| L | -200 ~ -100 | -320 ~ -148 | +/- 0.5°C / +/- 0.9°F | +/- 0.3°C / +/- 0.5°F |
| | -100 ~ 900 | -148 ~ 1650 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| U | -200 ~ -0 | -320 ~ 32 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| | 0 ~ 600 | 32 ~ 1110 | +/- 0.4°C / +/- 0.7°F | +/- 0.2°C / +/- 0.3°F |
| B | 600 ~ 800 | 1120 ~ 1472 | +/- 0.7°C / +/- 1.2°F | +/- 0.5°C / +/- 0.8°F |
| | 800 ~ 1000 | 1472 ~ 1832 | +/- 0.6°C / +/- 1.1°F | +/- 0.4°C / +/- 0.7°F |
| | 1000 ~ 1550 | 1832 ~ 2822 | +/- 0.5°C / +/- 1.0°F | +/- 0.3°C / +/- 0.6°F |
| | 1550 ~ 1820 | 2822 ~ 3300 | +/- 0.5°C / +/- 0.9°F | +/- 0.3°C / +/- 0.5°F |
| C | 0 ~ 150 | 40 ~ 302 | +/- 0.5°C / +/- 0.9°F | +/- 0.3°C / +/- 0.5°F |
| | 150 ~ 650 | 302 ~ 1202 | +/- 0.4°C / +/- 0.8°F | +/- 0.2°C / +/- 0.4°F |
| | 650 ~ 1000 | 1202 ~ 1832 | +/- 0.5°C / +/- 0.9°F | +/- 0.3°C / +/- 0.5°F |
| | 1000 ~ 1800 | 1832 ~ 3272 | +/- 0.6°C / +/- 1.1°F | +/- 0.4°C / +/- 0.7°F |
| | 1800 ~ 2310 | 3272 ~ 4200 | +/- 0.9°C / +/- 1.6°F | +/- 0.7°C / +/- 1.2°F |

General Specification

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|------------------------------|--|
| Battery Type | 9V Alkaline Battery (External Power Input 9 - 15V) |
| Display | 4 + 5 Digits |
| Operating Temperature | 0 to 50 °C (32 to 122 °F) |
| Operating Humidity | Less than 85% relative |
| Storage Temperature | -20 to 60 °C (-4 to 140 °F) |
| Storage Humidity | Less than 85% relative |
| Dimension | 88 x 168 x 26 mm (3.46" x 6.61" x 1.03") |
| Weight | 330 g / 11.63 oz |
| Accessories | Carrying case x 1 Users Manual x 1 K type thermocouple connector External Battery Pack (without batteries) 9 V battery x 1 |