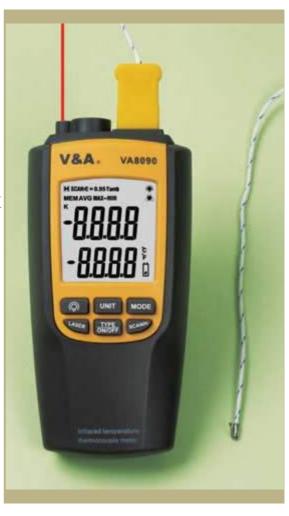
PE-TT8090 Infrared temperature and thermocouple meter

Key Feature:

8090 is dual thermometer that combines two precision themometers in one unit: a non-concact infrard thermometer and a thermocouple themometer. This unique thermometer measurement surface temperature with and without contact. Measures internal temperatures with type K thermocouple. With fast response, emissivity of 0.95, field of view of 2:1, it is an ideal range for non-concact accuracy thermometer, provides holds AVG, MIN & MAX values, backlight, °C and °F selectable, auto power off, and Data Hold. Applications include Refrigeration, Boiler, Pavement, Printer/Copier, HVAC/R, Automotive and Industrial Troubleshooting.





SPECIFICATIONS:

• Measuring Range

Infrared: $-50 \sim 300$ °C ($-58 \sim 572$ °F)

Thermocouple: -200~1300°C(-328°F~2372°F)

• Resolution

Infrared: 0.1°C/0.1°F

Thermocouple: 1°C/1°F (thermocouple above 1000°C)

Accuracy

infrared: $-50\sim-20$ °C/ \pm 5°C/9°F

infrared: $-20\sim300^{\circ}\text{C}/\pm(1.5\% \text{ reading } +3^{\circ}\text{C}/5^{\circ}\text{F})$ thermocouple: $-200\sim-100^{\circ}\text{C}/\pm(0.2\% \text{ reading} +1^{\circ}\text{C}/2^{\circ}\text{F})$ thermocouple: $-100\sim1300^{\circ}\text{C}/\pm(0.1\% \text{ reading } +0.7^{\circ}\text{C}/1.4^{\circ}\text{F})$

• Display: 4 digits LCD Display

Emissivity: 0.95Field of view: 2:1

• Laser power: Less than 1 mw

• Response time: 0.5 second

• Auto power off: 25 seconds (infrared) or 20 minutes(thermocouple)

• Special function: Data hold; MAX, MIN and AVG; Back light; Low battery indicator

• Operating environment: $0 \sim 50$ °C(32~122°F), $0 \sim 90\%$ RH

• Storage environment: $-10 \sim 60^{\circ}\text{C}(14 \sim 140^{\circ}\text{F}), \quad 0 \sim 80\%\text{RH}$

• Dimension: 121(L)x60(W)x30(H)mm

• Weight: about 180g

Accessories included:

- Free K-type thermocouple wire
- Free 1.5V x3AAA batteries
- •Free protect cover
- •Free protective carrying case
- Free Wrist Strap/String
- •User's Manual