

# Differential Thermometer Datalogger + IR Thermometer

## Differential and Non-contact InfraRed Temperature measurements

Take differential temperature readings with dual Type K thermocouple probes plus non-contact surface temperature measurement using IR Thermometer Probe (included)

### Features:

- Datalogs up to 18,000 readings on each channel
- Display [T1, T2, T3(IR)] or [T1-T2] or [T1-T3] or [T2-T3]
- Differential T1-T2 display for HVAC/Superheat measurements
- Heavy Duty rugged double molded housing
- MAX/MIN/AVG and Data Hold
- Use IR Thermometer probe to measure non-contact surface Temperature up to 1022°F (550°C); 8:1 distance to spot ratio and Laser pointer
- User selectable 1°/0.1° resolution
- Triple LCD display (when IR probe is plugged in)
- USB port includes software
- Includes two Type K bead wire temperature probes, IR Thermometer probe, Windows® compatible software with USB cable, hard carrying case, and 9V battery



HD200-IR

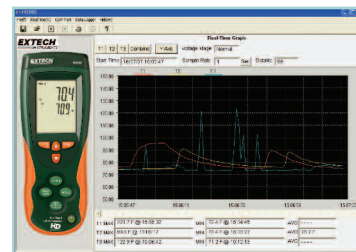
TP200

**Accessories:**

Model HD200-IR — (Included with meter) Remote InfraRed Probe for measuring surface temperature

Model TP200 — (Sold separately) Type K Pipe Clamp Temperature Probe for hands-free superheat/sub-cooling temperature measurement from -4°F to 200°F (-20°C to 93°C)

Take differential temperature readings with dual Type K thermocouple probes. Shown above with bead wire Type K thermocouple probe (included) and optional TP200 Type K Pipe Clamp Probe.



Download datalogged readings to your PC via the USB interface for analysis and report generation

| Specifications         | Range                              | Basic Accuracy |
|------------------------|------------------------------------|----------------|
| Temperature (Type K)   | -328 to 2501°F (-200 to 1372°C)    | ±0.15%         |
| Temperature (IR)       | -22 to 1022°F (-30 to 550°C)       | ±2%            |
| Resolution             | 0.1°/1°                            |                |
| Distance to Spot ratio | 8:1                                |                |
| Datalogging            | 18,000 readings (continuous)       |                |
| Dimensions             | 7.9 x 2.9 x 1.9" (201 x 75 x 50mm) |                |
| Weight                 | 9.8oz (280g)                       |                |

### Ordering Information:

- HD200 .....Differential Thermometer Datalogger  
 HD200-NIST ..HD200 with NIST Certificate  
 TP200 .....Type K Pipe Clamp Probe

