Cole-Parmer®

Digi-Sense® Professional Dual-Laser Infrared Thermometer with Bluetooth® Connectivity



Download on the App Store

GET IT ON Google Play

View, store and share real-time data from your smartphone

– Get expanded smart technology at a market-leading price

- Transmits data from meter to smartphone via mobile app
- Reliable measurements right out of the box—precalibrated to NIST-traceable standards
- Internal data logging saves up to 32K IR readings
- Dual-laser sighting to quickly pinpoint target areas
- External type K thermocouple input for contact measurements

This Bluetooth® enabled instrument helps you work smarter. Transmit data directly to your Android™ or iOS® device using our free D/S IR Therm app. View data at a safe distance from hazardous locations or equipment. Your smartphone or tablet can also be used as a real-time secondary display for checking measurements.

Results are automatically stored in the app with a date-and-time stamp. Data can be saved as a CSV file and emailed for future reference, manipulation, or analysis to help determine trends and conditions over time. Use the app to attach photos and notes to the records, creating a clear reference point for your work—ideal for large sites.

The IR thermometer offers fast response time and high accuracy due to its 50 to 1 distance-to-sight ratio. Dual targeting lasers provide precise indication of the measurement area.

Applications

- Safety and fire inspection
- Food preparation
- Fleet maintenance
- Plastic molding
- Electrical
- Industrial
- Laboratory
- HVAC
- R&D



What's included: Type K termocouple probe, software, tripod, carrying case, 9 V battery, and NIST-traceable calibration report with data.

***Calibration certificate provided by InnoCal®,** an ISO17025 accredited laboratory (A2LA certificate 1746.01) offering a broad range of NIST-traceable calibration services.
For recalibration, call 1-866-466-6225 or e-mail info@innocalsolutions.com. Their full complement of services can be viewed at www.innocalsolutions.com.

Ordering Information

Description	Professional dual-laser infrared thermometer with Bluetooth connectivity
Catalog number	MW-20250-25
IR temperature range	–58 to 3362°F (–50 to 1850°C)
Thermocouple (T/C) temperature range	–58 to 2498°F (–50 to 1370°C)
Resolution	0.1°F/°C below 1000°, 1°F/°C above 1000°
IR accuracy	From –58 to 68°F (–50 to 20°C): ±5.4°F (3°C); from 68 to 932°F (20 to 500°C): ±1.0% ± 1.8°F (1°C); from 932 to 1832°F (500 to 1000°C): ±1.5%; from 1832 to 3362°F (1000 to 1850°C): ±2.0%
T/C accuracy	From –58 to 32°F (–50 to 0°C): ±3.6°F (±2°C); from 32 to 2498°F (0 to 1370°C): ±0.5% of reading ±3°F (±1.5°C)
IR response time	150 ms
Spectral range	8 to 14 µm
Distance-to-sight ratio	50:1
Emissivity	0.1 to 1.0 adjustable
Laser sighting	Dual Class II lasers
Temperature alarms	High, low
Temperature differential	Yes
USB interface	Yes
Data logging	Up to 32K IR readings. More can be stored on an Android or iOS device for virtually unlimited storage.
Dimensions (L x W x H)	7½" x 2¼" x 6" (18.9 x 5.7 x 15.2 cm)

ColeParmer.com

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