

DICKSON D182

NON-CONTACT INFRARED INDICATOR WITH LASER SIGHTING

Dickson's portable (small enough to fit in your pocket), easy to use, economically priced non-contact infrared thermometer detects amounts of radiant energy and instantaneously displays the corresponding temperature and max temperature on a large LCD display. This instrument is ideal for safely checking high temperatures without getting too close to the object and eliminates the possibility of contamination or damage to the product or package being monitored.

Features:

- Automotive - Troubleshoot engines including ignition system problems and FUEL/AIR adjustments. Diagnose cooling systems including thermostats and coolant sensors, radiators, brakes and tires.
- HVAC - Balance room temperatures, monitor supply/return registers, check furnace performance, perform energy audits and check window insulation.
- Electrical - Check electrical panels for hot spots, find defective transformers and detect loose electrical connections.

Specifications:

Type: Pistol grip
Field of View: 9:1
Sighting Method: Laser class II
Temperature Range: -58 to +752°F (-50 to +400°C)
Accuracy: ±2% or ±3.5°F whichever is greater
Ambient Operating Conditions: +32 to +122°F (0 to +50°C)
Response Times: 1 second 90%
Display Resolution: 0.1°F/0.1°C
Display: LCD backlit
Power Supply: 2 AAA batteries (provides 180 hrs of continuous operation)
Emissivity Adjustment: Fixed at .95%
Approvals: CE
Weight: 6.3 oz (178.6 g)
Dimensions: 6.9" x 1.54" x 2.83" (17.5 cm x 3.91 cm x 7.19 cm)
Includes: 2 AAA batteries and manual



Ordering Information

Description	Order No.	Price
Non-Contact Infrared Temperature Indicator	D182	\$99

Accessories

Description	Order No.	Price
NIST Traceable Calibration 3-pt. (new unit)	N300	\$149
NIST Traceable Calibration 1-pt. (new unit)	N100	\$99

DICKSON

www.dicksondata.com

930 S. Westwood Ave., Addison, IL 60101-4917
Toll Free Phone: 1-800-323-2448 • Toll Free Fax: 1-800-676-0498
All prices and specifications are subject to change • Made in U.S.A.

DICKSON D183

INFRARED TEMPERATURE INDICATOR WITH PROBE

Our new D183 Non-Contact IR Thermometer combines the best temperature measurement technologies into one easy-to-use tool: the convenience of instant non contact surface scanning and a built-in probe thermometer for critical internal measurements. The convenient, flip-down probe is ready when you need it. The dual-mode measurement system, built-in HACCP Check, and integrated timer, make the D183 the professional's tool of choice in a food safety thermometer.

Features: GO-NO GO critical temperature variable alarms at -40 and 140°F.

Specifications:

Type: Hand held

Field of View: 2.5:1

Laser Sighting: Single point - white LED target illumination spot

Temperature Range: IR: -67 to +572°F (-55 to +250°C); **K-TC Probe:** -67 to +626°F (-55 to +330°C)

Temperature Accuracy: IR: ±1.8°F from 32 to 150°F; < 32°F:±1.8°F (±0.1°F perdegree); >150°F:±1.5% of reading;
Probe: ±0.9°F (0.5°C)

Ambient Operating Conditions: 32 to +122°F (0 to +50°C)

Reponse Time: 1 second

Display Resolution: 0.5°F (0.2°C)

Power: 2 AAA Batteries (40 hrs of continuous operation)

Emissivity: Pre-set at .95 (adjustable from 0.10 to 1.00 in 0.01 steps)

Approvals: CE

Weight: 3.5 oz (98.1 g)

Dimensions: 0.87" x 1.5" x 7.5" (2.21 cm x 3.81 cm x 19.05 cm)

Includes: 2 AAA batteries and manual



Ordering Information

Description	Order No.	Price
Infrared Temperature Indicator w/ Probe	D183	\$169

Accessories

Description	Order No.	Price
NIST Traceable Calibration 3-pt. (new unit)	N300	\$149
NIST Traceable Calibration 1-pt. (new unit)	N100	\$99

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DICKSON D184

NON-CONTACT INFRARED INDICATOR WITH LASER SIGHTING

Advanced infrared technology teamed with powerful optics make the D184 the instrument of choice for demanding applications. The D184 features a single point class two laser sighting for accurate readings and a wide temperature range (-76 to +932°F). It is also easy to use with adjustable emissivity and a Min/Max temperature display. Its 12:1 field of view allows you to remain at a safe distance from high temperature surfaces.

Perfect for:

- HVAC/R Systems
- Electrical and Industrial Equipment
- Fire Safety
- Facility Maintenance

Specifications:

Type: Pistol Grip

Field of View: 12:1

Laser Sighting: Single Point class II

Temperature Range: -76 to 932°F

Accuracy: $\pm 2\%$ or $\pm 3.5^\circ\text{F}$ whichever is greater

Ambient Operating Conditions: +32 to +122°F (0 to +50°C)

Response Time: 1 second

Display Resolution: 0.1°F/0.1°C

Display: LCD backlit

Power: 2 AAA Batteries (180 hrs of continuous operation)

Emissivity: Pre-set at .95 - adjustable from 0.10 to 0.95 in 0.01 steps

Approvals: CE

Weight: 6.3 oz (178.6 g)

Dimensions: 6.9" x 1.54" x 2.83" (17.5 cm x 3.91 cm x 7.19 cm)

Includes: 2 AAA batteries and manual



Ordering Information

Description	Order No.	Price
Non-Contact Infrared Temperature Indicator	D184	\$179

Accessories

Description	Order No.	Price
NIST Traceable Calibration 3-pt. (new unit)	N300	\$149
NIST Traceable Calibration 1-pt. (new unit)	N100	\$99

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DICKSON D185

NON-CONTACT INFRARED INDICATOR WITH LASER SIGHTING

With a wide temperature range, MIN, MAX, DIF, and AVG temperature display, the D185 makes temperature measurement a breeze. This professional IR features a built-in socket to accept commercially available K-type thermocouples.

Features:

- MIN, MAX, DIF, AVG temperatures, HI/LOW alarm
- A LOCK allowing for continuous temperature scans

Specifications:

Type: Pistol Grip
Field of View: 20:1
Laser Sighting: Single point class II
Temperature Range: -76 to +400°F (-60 to +760°C)
Accuracy: ±2% or ±3.5°F whichever is greater
Ambient Operating Range: +32 to +120°F (0 to +50°C)
Response Time: 1 second
Display Resolution: 0.1°F /0.1°C
Display: Backlit LCD
Power: 2 AAA Batteries
Emissivity: Switchable from 0.01 to 1.00 in 0.01 steps
Approvals: CE
Weight: 6.3 oz (178.6 g)
Dimensions: 6.9" x 1.54" x 2.83" (17.5 cm x 3.91 cm x 7.19 cm)
Includes: 2 AAA batteries and manual



Ordering Information

Description	Order No.	Price
Non-Contact Infrared Temperature Indicator	D185	\$269

Accessories

Description	Order No.	Price
NIST Traceable Calibration 3-pt. (new unit)	N300	\$149
NIST Traceable Calibration 1-pt. (new unit)	N100	\$99

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