

DT-833/833A/833C

Heavy Duty Professional InfraRed Thermometers

CEM

833 Series Professional IR Thermometers provide non-contact temperature measurements: Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt, Marine and Screen Printing, Measure ink and dryer temperature, Diesel and Fleet maintenance. Targeting objects are easy with the bright laser beam. Even in the dark, the display is easy to read with the quality backlit.



- 150ms faster sampling time with 1% accuracy
- Dust and water-proof: IP54 rated for dust/water proof
- Rugged: 3 m (9.8 ft) drop tested
- Ergonomically designed: Completely redesigned for a more natural hand fit
- Distance to spot: Precise laser technology makes for more accurate and repeatable measurements
- Alarm: Hi and Lo temp. alarms for rapid display of measurements outside the limits
- Accurate readings for Infrared Temperature

Features

	833	833A/833C
User selectable °C or °F	*	*
Dual laser targeting	*	*
Automatic Data Hold	*	*
Auto Power Off	*	*
White Backlit LCD Display	*	*
Overrange indication	*	*
Max, MIN, DIF, AVG display	*	*
High and low alarm	*	*
Adjustable emissivity	*	*
Negativity display		*/colorful
Optical resolution	12:1	12:1

Specifications

IR Temp. Range	-50°C to 650°C/ -58°F to 1202°F
IR Temp. Resolution	0.1° up to 1000°, 1° over 1000°
Emissivity	Adjustable 0.10~1.0
Basic Accuracy	±1.0% of reading
Response Time	Less than 150ms
Spectral Response	8-14μm

Size(HxWxD): 170mm x 50mm x 85mm **Weight:** 238g

Accessories: 2x1.5V“AAA”batteries, Carrying case and Gift box.



Model 833



Model 833C

CE

EMC

EN: 61326

EN: 60825-1

DT-830L InfraRed Thermometers

830L IR Thermometer provides non-contact temperature measurements: Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt, Marine and Screen Printing, Measure ink and dryer temperature, Diesel and Fleet maintenance.

Features

- Circular laser
- User selectable °C or °F
- Automatic Data Hold
- Auto Power Off
- White Backlit LCD Display
- Overrange indication, High and low alarm
- Max, MIN, DIF, AVG display
- Adjustable emissivity

Specifications

IR Temp. Range	-50°C to 500°C/-58°F to 932°F
IR Temp. Resolution	0.1°C/°F
Distance to Spot size	12:1
Emissivity	Adjustable 0.10~1.0
Basic Accuracy	±2.0% or ±2 of reading
Response Time	Less than 500ms
Spectral Response	8-14μm

Size(HxWxD): 170mm x 50mm x 85mm **Weight:** 238g

Accessories: 2x1.5V“AAA”batteries, Carrying case and Gift box.



Model 830L



CE

EMC

EN: 61326

EN: 60825-1