

Model 8801/8802



8801/8802 Low cost Compact 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. Targeting objects are easy with the bright laser beam. Even in the dark, the display is easy to read with the quality backlit scroll.

- Unique flat surface, mini modern housing design
- Temperature measurements from -50.0°C to 380°C/-58.0°F to 716°F(8802)
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Max / Min record
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off

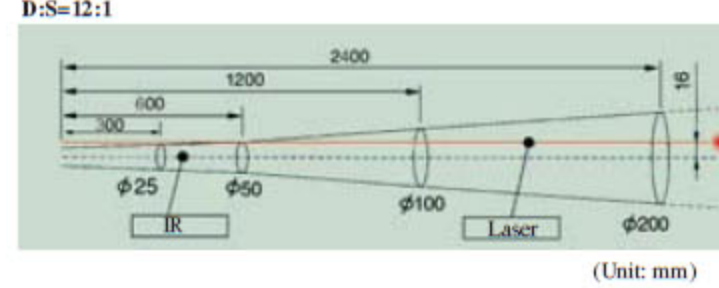


EMC  
EN: 61326  
EN: 60825-1

Features	8801/8802
User selectable °C or °F	*
Laser targeting	*
Automatic Data Hold	*
Auto Power Off	*
White Backlit LCD Display	*
Overrange indication	*
Max / Min record	*

Specifications	8801	8802
Range	-50°C to 330°C/ -58°F to 626°F	-50°C to 380°C/ -58°F to 716°F
Response Time	Less than 1 second	
Basic Accuracy	±2% of reading or ±2°C/±4°F	
Optical Resolution	12:1 Distance to Spot size(calculated @90% energy)	
Emissivity	Fixed at 0.95	

Distance (D) to Spot size(S)  
D:S=12:1



Accessories: 9V battery, Carrying case and Gift box.  
Size(HxWxD): 160mm x 82mm x 42mm  
Weight: 177g

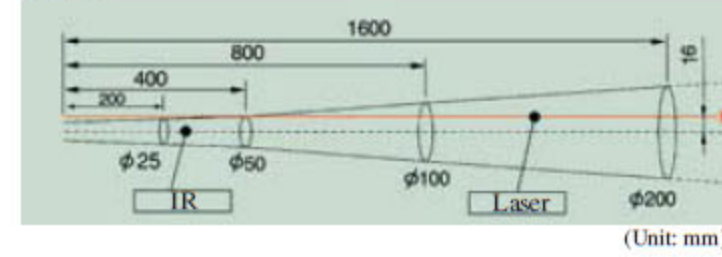


- Unique flat surface, mini modern housing design
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off



EMC  
EN: 50081-1, 50082-1  
EN: 60825-1

Distance (D) to Spot size (S)  
D:S=8:1



Features	880H/880	882H/882	883H/883
User selectable °C or °F	*	*	*
Laser targeting	*	*	*
Automatic Data Hold	*	*	*
Auto Power Off	*	*	*
Backlit LCD Display	*	*	White Backlit
Overrange indication	*	*	*
Low battery indication	*	*	*
Wide range	*	*	*

Specifications	880H	882H	883H
Range	-50°C to 500°C/ -58°F to 932°F	-50°C to 700°C/ -58°F to 1292°F	-50°C to 850°C/ -58°F to 1562°F
Basic Accuracy	±2% of reading or ±2°C/±4°F		
Resolution	0.1° up to 200°, 1° over 200°		
Response Time	Less than 1 second		
Optical Resolution	8:1 Distance to Spot size		
Emissivity	Fixed at 0.95		

Accessories: 9V battery, Carrying case and Gift box.  
Size(HxWxD): 160mm x 82mm x 42mm  
Weight: 177g

Model 882



Model 883



Model 883H



Dual Technology Features Automatic Selection of Magnetic Induction or Eddy Current Measurement Techniques



EMC  
EN: 61326

Features
Non-magnetic coatings (e.g. paint, zinc) on steel
Insulating coatings (e.g. paint) on non-ferrous metals
No-ferrous metals coatings on insulating substrates
Menu operation system
Two measuring modes: CONTINUE and SINGLE mode
Two working modes: DIRECT and GROUP mode
Statistic Display: AVG, MAX, MIN, NO., S.DEV
One point calibration, two points calibration and basic calibration easily
Memory for 400 readings (80 DIRECT and 320 GROUP readings)
Delete single readings and all group readings easily
High alarm and Low alarm for all working modes
Low battery, error indication
USB interface for PC software

Specifications	F	N
Sensor probe	magnetic induction	Eddy current principle
Working principle	0-1250um	0-1250um
Measuring range	(+/- 3%+1)um	(+/- 3%+1.5)um
Guaranteed tolerance (of reading)	0.1um	0.1um
Low range Precision	1.5mm	3mm
Minimum curvature radius	7mm	5mm
Diameter of Minimum area	0.5mm	0.3mm
Basic critical thickness		



Calibration Iron Calibration Aluminum Precision Standard



Model 156



Size(HxWxD): 113.5mm x 54mm x 27mm  
Weight: 110g  
Accessories: Two "AAA" batteries, USB cable, CD, Calibration Iron, Calibration Aluminum, Precision Standard, gift box with carrying case.



Dual Technology Features Automatic Selection of Magnetic Induction or Eddy Current Measurement Techniques. The measuring data is easily transferred to PC for edit and storage.

Features
Non-magnetic coatings (e.g. paint, zinc) on steel
Insulating coatings (e.g. paint) on non-ferrous metals
No-ferrous metals coatings on insulating substrates
Menu operation system
Two measuring modes: CONTINUE and SINGLE mode
Two working modes: DIRECT and GROUP mode
Statistic Display: AVG, MAX, MIN, NO., S.DEV
One point calibration, two points calibration and basic calibration easily
Memory for 2500 readings (50 GROUP readings)
Delete single readings and all group readings easily
High alarm and Low alarm for all working modes
4 levels of battery indication
Error indication
Bluetooth interface
Easily adapt to lighting conditions with 8 levels of backlight

Specifications	F	N
Sensor probe	magnetic induction	Eddy current principle
Working principle	0-2000um	0-2000um
Measuring range	(+/- 2%+2)um	(+/- 2%+2)um
Guaranteed tolerance (of reading)	0.1um	0.1um
Low range Precision	1.5mm	3mm
Minimum curvature radius	7mm	5mm
Diameter of Minimum area	0.5mm	0.3mm
Basic critical thickness		



Calibration Iron Calibration Aluminum Precision Standard



EMC  
EN: 61326



Model 157

Size(HxWxD): 113.5mm x 54mm x 27mm  
Weight: 110g

Accessories: Two "AAA" batteries, CD, Calibration Iron, Calibration Aluminum, Precision Standard, gift box with carrying case.

