

# DT-810/811/812 and 813TS

## Mini InfraRed Thermometers



Worldwide Patent:  
PCT/CN2012/082197

## DIGINDT.IR

810/811/812/813TS Series Low cost mini IR Thermometers 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.

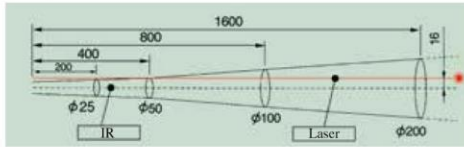
- Unique flat surface, mini modern housing design
- Temperature measurements from -50.0°C to 500°C/-58.0°F to 932°F (812)
- Built-in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Max / Min record
- Overrange indication
- Auto Data Hold when trigger released
- Auto Power Off

Features		810/811/812/813TS
User selectable °C or °F		*
Laser targeting		*
Automatic Data Hold		*
Auto Power Off		*
White Backlit LCD Display		*
Overrange indication		*
Max / Min record		*
Green, Red & Blue backlight: Normal, Higher & Lower temperature indications		813TS only
T-Sound: Changeable beeper indication by Temperature		813TS only

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Specifications			
	810	811	812/813TS
Range	-30°C to 260°C/ -22°F to 500°F	-30°C to 380°C/ -22°F to 716°F	-50°C to 500°C/ -58°F to 932°F
Basic Accuracy	±2% of reading or ±2°C/±4°F		
Resolution	0.1°C/°F		
Response Time	Less than 1 second		
Optical Resolution	8:1 Distance to Spot size		
Emissivity	Fixed at 0.95		

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



(Unit: mm)

Accessories:  
9V battery, Carrying case and Clamshell.

Size(HxWxD): 131mm x 96mm x 35mm  
Weight: 130g

Model 810



Model 811/812



Model 813TS



### Key Benefits

- T-Sound: Changeable beeper indication by Temperature
- Green, Red & Blue backlight: Normal, Higher & Lower temperature indications



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