

# Infrared Thermometer Type Mi-8895

High Temperature  
IR Thermometer



MI-8895

## High Temperature IR Thermometer MI-8895

- Designed for temperature up to 816 °C
- Built-in laser pointer (670nm, <1mw) to improve aim
- Quick response: 500ms
- Adjustable emissivity from 0.3 to 1.0
- D:S ratio is 12:1
- Easy flip battery compartment design



Backlight



MAX



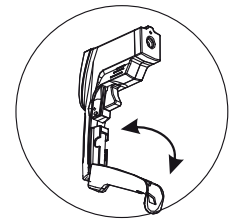
Low  
Battery



Metric/  
Imperial



Auto  
Power Off



### EMISSIVITY VALUES

Emissivity Values-Non-Metals  
Refractory & Building Materials

SURFACE	EMISSIVITY
Red brick (rough)	0.75 to 0.9
Fire clay	0.75
Asbestos	0.95
Concrete	0.7
Marble	0.9
Carborundum	0.85
Plaster	0.9
Alumina (fine grain)	0.25
Alumina (coarse grain)	0.45
Silica (fine grain)	0.4
Silica (coarse grain)	0.55
Zirconium silicate up to 500°C	0.85
Zirconium silicate at 850°C	0.6
Quartz (rough)	0.9
Carbon (graphite)	0.75
Carbon (soot)	0.95
Timber (various)	0.8 to 0.9
Plastics films (.05 mm thick)	0.5 to 0.95
Polythene film (.03 mm thick)	0.2 to 0.3
Rubber (smooth)	0.9
Rubber (rough)	0.98
Plastics (varous, solid)	0.8 to 0.95
Plastics films (.05 mm thick)	0.5 to 0.95
Polythene film (.03 mm thick)	0.2 to 0.3
Paper and cardboard	0.9
Silicone polish	0.7
<b>Miscellaneous</b>	
Enamel (any color)	0.9
Oil paint (any color)	0.95
Lacquer	0.9
Matte black paint	0.95 to 0.98
Aluminum lacquer	0.5
Water	0.98
Rubber (smooth)	0.9
Rubber (rough)	0.98
Plastics (varors, solid)	0.8 to 0.95

\*Emissivity varies with purity

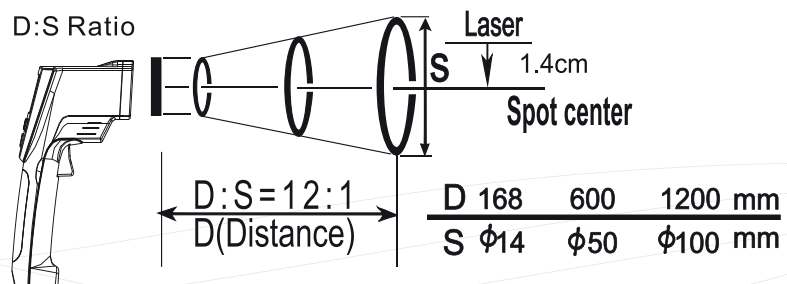
Model	MI-8895
Temp. range	-40~816°C
Temp. resolution	0.1°C/°F(<300°C), 1°C/°F(>300°C)
Temp. accuracy (Which is greater)	<0°C : +/-2°C ; 0~300°C: +/-2% or 2°C 300~500°C: +/-2.5% ; >500°C: +/-3%
Repeatability	+/-1°C
Emissivity	0.3~1.0 Adjustable
D:S ratio	12:1
LCD size	34(H)x37(W)mm
Operating temp.	10~40°C
Operating RH%	Humidity < 80%
Storage temp.	-20~50°C
Storage RH%	Humidity < 90%
Dimension	195x134x50 mm
Weight	240g
Battery	AA battery x 2 pcs
Standard Package	Meter/Battery/Manual/Hard carry case Wrist strap/ Soft carry pouch



POUCH (SOFT CARRY CASE)  
COLOR: BLACK  
SIZE: 200X133X42MM



STRAP (WRIST STRAP)  
COLOR: BLACK  
SIZE: ~220MM



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