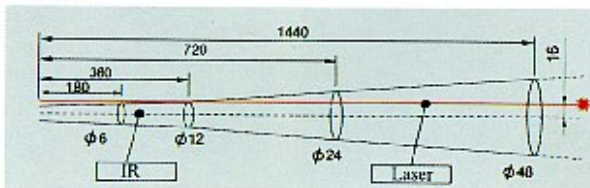# ST-8833/8855

Professional High Temperature Thermometers

8833/8855 Series compact Infrared Thermometer provide fast, easy, and accurate readings for most surface temperature measurements with Wireless USB Interface (RF 433MHz).

- **Wireless USB Interface (RF 433MHz)(8855)**
- **High 30 : 1, distance to target ratio measures smaller surface areas at greater distances**
- **Widest temperature range from -50.0 to 1050°C(-58 to 1922°)**
- **Unique flat surface, modern housing design**
- **Built-in laser pointer**
- **Type K temperature measurements**
- **Automatic capture emissivity for targeting**
- **Max, Min, DIF, AVG, record**
- **Automatic Data Hold**
- **High and low alarm**
- **Adjustable emissivity**

ST-8833, ST-8855

Click on image for enlarged view

Features

	8833	8855
User selectable °C or °F	*	*
Laser targeting	*	*
Automatic Data Hold	*	*
Auto Power Off	*	*
White Backlit LCD Display	*	*
Overrange indication	*	*
Trigger lock	*	*
Max, Min, DIF, AVG, record	*	*
High and low alarm	*	*
Adjustable emissivity	*	*
Type K temperature measurements	*	*
High Temperature	800°C/1472°F	1050°C/1922°F
Wireless USB Interface (RF 433MHz)	-	*
Optical Resolution (distance to Spot size)	13:1	30:1

Accessories: 9V battery, Carrying case and Gift box, K-type temperature probe, RF transmitter (8855).

Specifications

	8833	8855
IR Temp. Range	-50°C to 800°C / -58°F to 1472°F	-50°C to 1050°C / -58°F to 1922°F
IR Temp. Resolution	0.1°C/°F	0.1° up to 2000° 1° over 2000°
Optical resolution	13:1 Distance to spot size ratio	30:1 Distance to spot size ratio
Type K Temp. Range	-50°C to 1370°C / -58°F to 2498°F	-50°C to 1370°C / -58°F to 2498°F
Type K Temp. Resolution	0.1° up to 2000°, 1 ° over 2000°	
Response time	Less than 1 second	
Basic Accuracy	± 1.5% of reading	
Emissivity	Adjustable 0.10~1.0	
Size (H x W x D): 180mm x 106mm x 48mm		
Weight: 250g		

Professional High Temperature InfraRed Thermometers

ST-8855

ST-8833

RF (433MHz) transmitter