

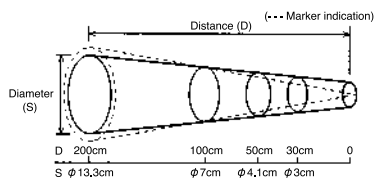
SK-8100 Series Infrared Thermometers (Model SK-8110/SK-8120/SK-8130/SK-8140)

MUTUAL FEATURES

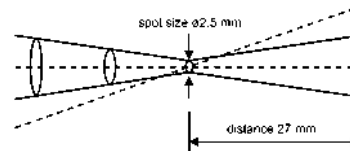
- Non-contact and clear laser marker for easy and accurate measurement
- Waterproof property of IPX4: No adverse effects of water splashes
- Auto power-off function for conserving battery power
- Auto backlight function when used in the dark
- Selectable °C and °F

DISTANCE TO SPOT SIZE RATIO (D:S)

(Applicable for SK-8110, SK-8120 and SK-8130)



Dual Point Laser (Applicable for SK-8140)



SPECIFICATIONS

Name	Circle Laser Marker Infrared Thermometer			Dual Point Laser Infrared Thermometer
	8211-00	8212-00	8213-00	8214-00
Cat. No.	SK-8110	SK-8120	SK-8130	SK-8140
Model				
Measuring range	- 40 to 400°C			- 50 to 500°C
Accuracy (emissivity at 0.95 in 18 to 28°C state)	± 1% rdg. at above 200°C ± 2°C at 1 to 199°C ± 5°C at below 0°C			
Temperature drift (emissivity at 0.95)	± 0.1% / °C rdg. at above 200°C ± 0.2°C / °C at below 200°C			
Repeatability	less than 1°C at above 30°C (emissivity at 0.95 in 18 to 28°C state)			
Response time	approx. 1.5 second (90% response)			
Emissivity	Selectable among 0.95, 0.90 and 0.85		Adjustable from 0.10 to 1.00 in 0.01 steps	
Distance coefficient	D : S = approx. 15 : 1 (D: distance, S: spot size)			Measuring distance: 27 mm Spot size (diameter): ϕ 2.5 mm
Detector	Thermopile			
Wavelength	8 to 14 μ m			
Targeting system	Circle Laser Marker		Dual Point Laser Marker	
Function	Wavelength: 650 nm			
	Laser output: less than 1 mW (Class II Laser)			
	Auto power-off, Auto backlight			
Operating ambient	High and low temperature alarm			
	PEAK / VALLEY selectable			
Waterproof property	0 to 50°C for temperature			
	Less than 85% RH for humidity (no condensing)			
Power requirement	JIS C 0920 equivalent to IPX4			
	3VDC ("AA" (LR6) size Alkaline battery x 2) Consumption current: 120 mA			
Battery life	approx. 16 hours with use of laser and new Alkaline batteries			
Dimensions	44(W) x 152(H) x 27.5(D) mm			
Weight	approx. 140g (including batteries)			
Materials	Main body: Polycarbonate, Lens: Silicon			
Accessories	Neck strap, "AA" (LR6) size Alkaline battery x 2			

Specifications subject to change without notice. 11.06