

**Specifications -Infrared Thermometer**

No:	Detail of the Specifications Given by SLPA	Specifications Given by Supplier
A. General		
1	Make	Pl. Indicate
2	Model	Pl. Indicate
3	Country of origin	Pl. Indicate
4	Country of manufacture	Pl. Indicate
5	Temperature range	-30°C to 500°C
6	Accuracy	±1.5°C or ±1.5% of reading, whichever is greater
7	Response time	< 500 ms
8	Spectral response	8 to 14 microns
9	Emissivity	0.10 to 1.00
10	Optical resolution	10:01
11	Display resolution	0.1°C (0.2°F)
12	Power	AA battery
13	Battery life	10 hours with laser and backlight on
14	Weight	250 g (approx.)
15	Size	175 x 85 x 75 mm (approx.)
16	Operating temperature	0°C to 50°C
17	Operating humidity	10% to 90% RH non-condensing at 30°C
18	IP rating	IP 54
19	Drop test	3 meters
20	Vibration and shock	IEC 68-2-6 2.5 g, 10 to 200 Hz, IEC 68-2-27, 50 g, 11 ms
21	EMC	EN 61326-1:2006 EN 61326-2:2006
22	Standards and agency approval	Compliance EN/IEC 61010-1: 2001
		Laser safety FDA and EN 60825-1 Class II
C Warranty & Experience		
23	The supplier shall have obtained the authority from the manufacturer or local agent to supply the goods	Please attach the authorisation letter
24	The supplier or local agent shall have minimum of five (05) years experience in the supply of this type of instruments in Sri Lanka	Please attach proof