

HONSUN (NANGTONG) CO., LTD

Certificate of Analysis of Infrared Thermometer

Test items: full-function	Test quantity:2000pcs	Lot No. : 23YF1I0681
Test date: 22.12.2023	Inspector: wang xiuzhu Mfg.Date: 20.12.2023.	

Content	Inspection Item	Qualified standard	Result
Appearance	Appearance	The shape should be correct, the surface is bright and clean, and there must be no obvious scratches, damage and deformation.	✓
	Control panel	The text and logo on the control panel should be accurate, clear and firm.	✓
	LCD & Display	No obvious scratches, the number of black dots does not exceed 2, the diameter of black dots in the display does not exceed 0.15mm. The diameter of the black spot in the lens does not exceed 0.2mm.	✓
	Detector	The top of the detector should be smooth with no burrs on the edges.	✓
	Control and adjustment buttons	The control and adjustment mechanism should be flexible and reliable, and the fasteners should not be loose	✓
	Gap between Upper case and bottom case	The gap between the shells does not exceed 0.2mm.	✓
	Step between Upper case and bottom case	The gap between the shells does not exceed 0.2mm.	✓
	Screw	Product screws are not loose, oxidized, deformed, missed	✓
Performance	Maximum allowable error in blackbody test mode	Set the thermostat at 35℃, 37℃, and 41℃, and insert the constant temperature water into the black body for measurement. Measure once at each temperature point. The maximum error	✓

		is required to be 35℃ (±0.2℃), 37℃ (±0.2℃), and 41℃ (±0.2℃).	
	LCD/LED	The display screen has no display incompleteness, no display, no power-on and other undesirable phenomena.	✓
	Fever alarm test	Fever alarm method conforms to product specification	✓
	Measurement completion reminder	After the measurement is completed, there will be a beep.	✓
	Power on/ Power off/Memory function	1. Whether it can be turned on or off normally. 2. Automatic shutdown time meets product specifications. 3. The number of memory groups conforms to the product specification. 4. The keys feel good and have a paragraph feel.	✓
Accessory	Accessory	The accessories must be complete, according to the order / BOM requirements.	✓
Package	Package Inspection	1. Whether the instruction, label, certificate, model and related content are consistent with the samples and drawings. 2. Color box, instruction manual, body label content (picture, technical specifications, production date, etc.) consistent. 3. Whether the functional specifications and display of the product are consistent with the color box, manual and label.	✓
	Lot number Inspection	To be consistent with the batch number on the production notice.	✓
Safety regulation	Dielectric strength test	Test voltage: 500V No flashover or breakdown occurred in the withstand voltage test	✓
	Leakage current test	Leakage current ≤0.01mA	✓
Inspection result	OK		
Remark: Qualified please mark "✓", Not qualified please mark "x", not available please mark "/".			