

Certification of Analysis of Raw material

For VISION ESR Analyzer

Raw material	Inspection item	Standard Requirements	Inspection tool	Result
Shell	Dark spot, foreign matter, bubble	Diameter \leq 85mm, Gap \geq 25mm, 0.3mm $<$ S \leq 0.4mm, \leq 2 Spots;	Dark Spot Inspection Card	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
	Scratch	Diameter \leq 85mm, Breadth \leq 0.09mm, Branches \leq 3.5, Gap \geq 35mm;	Calliper	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
	Silk-screen	a. Color of silk-screen meet the requirement of design; b. Content of silk-screen meet the requirement of design;	Color Card	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Label	Label	The labels should be correctly spelt and printed	BOM	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Power supply	Leakage test	a. In the normal state of floor drain current value \leq 0.5 mA; b. In single fault condition of floor drain current is \leq 1.0 mA;	Multimeter	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
	Withstand voltage test	Leakage current value is \leq 5 mA, protection shell should be able to withstand 50 hz sine test voltage 1500 v for 1 minute, no spark flashing and arc phenomenon	Multimeter	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Light	Functional test	Aging test for half an hour to test the light whether change color.	Power supply tool	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Mainboard (signal board, core board, drive board, transition board)	External dimension	Check to see if the component quantity, location and type in accordance with BOM	Drawing, BOM List	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
	Function test	According to the operation requirements, do the electric performance test. And the test function need meet the requirements.		

Package	Package	a. Check the packaging materials. Make sure materials are integrated and in good condition; b. Make sure the instrument accessories are completely packaged, including but not limited to power cord.	Instruction	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
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COMMENTS: Inspection results comply with standard and requirement.

Checked by: Zhouzhenghui

Auditing by: Shenkan

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