

## Soutronic手腕带测试报告

2023-06-13

### 测试数据:

Certification Sources	Item	Product Qualification			Test Result			Conclusion
		Test Name	Test Method	Required Limit	Sample1	Sample2	Sample3	
ANSI/ESD S20.20	Wrist Strap System	System Resistance (ohms)	ANSI/ESD S1.1 (Section 6.11)	$<3.5 \times 10^7$ ohms	$<1 \times 10^7$	$<1 \times 10^7$	$<1 \times 10^7$	Pass
		Body Voltage (volts)	ANSI/ESD 97.2	$<100$ volts peak	-3	6	4	Pass
	Wrist Strap	Resistance (ohms)	ANSI/ESD S1.1	$0.8 \times 10^6$ to $1.2 \times 10^6$ ohms	$1 \times 10^6$	$1 \times 10^6$	$1 \times 10^6$	Pass
	Wristband	Resistance (ohms)	ANSI/ESD S1.1	Interior $<1.0 \times 10^5$ ohms	$1 \times 10^4$	$1 \times 10^4$	$1 \times 10^4$	Pass
		Resistance (ohms)	ANSI/ESD S1.1	Exterior $>1.0 \times 10^7$ ohms	$1 \times 10^{11}$	$1 \times 10^{11}$	$1 \times 10^{11}$	Pass
Soutronic (Additional requirement considering the brand customers experience)	Coil	Tribo-charge of Coiled Cord(volts)	Isoprobe® Electrostatic Voltmeter model 279	$<50$ volts	3	2	4	Pass

### 测试结论:

手腕带通过了ANSI/ESD S20.20和公司内部标准