

STATICO

Global Supplier of Static Control & Cleanroom Products

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Product Specifications for S2020A Surface Resistivity/Resistance Test Kit



Description

S2020A is a pocket size, light weight, auto ranging (10V to 100V) surface resistivity/resistance indicator. The instrument features a dual application, as follows:

- It can be used as a handheld tester, with two-parallel bars on the back performing the test.
- It can be used with the two external 5lbs Probes.

Test results are indicated by LEDs:

Green	<10E5 (Conductive)
Yellow	10E6 To 10E11 (Dissipative)
Red	>10E12 (Insulative)

10E3=	1 Kilohm	Green LED
10E4=	10 Kilohm	Green LED
10E5=	100 Kilohm	Green LED
10E6=	1megohm	Yellow LED
10E7=	10 megohm	Yellow LED
10E8=	100 megohm	Yellow LED
10E9=	1,000 megohm	Yellow LED
10E10=	10,000 megohm	Yellow LED
10E11=	100,000 megohm	Yellow LED
10E12=	1,000,000 megohm	RED LED
>10E13=	Insulative	RED LED

The Kit Consists of:

- 1 Each The Tester (S2020A)
- 1 Each Leather-like Carrying Case
- 1 Each a 9V Battery
- 2 Each Connecting Cords (Tester-To-Probes)
- 2 Each 5 lbs Probes

All are housed in a heavy duty hinged plastic case with foam inserts.

Technical Data:

Size	:	131X65X30mm (LXWXH)
Weight	:	240g
Test Range	:	10E3 to 10E12
Test Voltage	:	10V/100V (Auto Range)
Accuracy	:	+/-10%
Power Supply	:	9 V Alkaline Battery
Test Voltage	:	Nominal 9 V
Temperature Range	:	Operating: 40° to 120°F (5°-to-49°C)
Storage	:	-15° to +60°C
Relative Humidity	:	0% to 90% (non-condensing)
Resolution	:	One Order of Magnitude
Changeover Point	:	½ Decade on a Logarithmic Scale (3.16X10n)
Repeatability	:	± 5%