STATICO

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	$<10^5$ (Conductive)
Yellow	10^6 To 10^{11} (Dissipative)
Red	$>10^{12}$ (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	:	10^3 to 10^{12}
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)

*the S2020A is calibrated to ensure that the proper LEDs illuminate when their corresponding load resistances are applied. All load resistances have a ±10% accuracy. No claims are made for the actual resistance values that trigger the change in LEDs.