



Routine ESD Surface Resistivity Tester with Digital Display

P/N: 499D

(not mere LEDs indication as in low priced models)

Surface Impedance Tester is used for measuring the surface coefficient and grounding resistance of objects, as well as the antistatic and insulating material.

Specifications:

Test range	: $10^3 \sim 10^{12}\Omega$
Power	: 9V battery
Resolution ratio	: 0.1 order of magnitude
Precision	: $\pm 10\%$
Condition	: $0^\circ\text{C} \sim 49^\circ\text{C}$, RH 0%–80%
Size	: 130(L)×72(W)×35(H)mm (approx.)
Weight	: about 170 g (battery included)

Test Results reading

X.X E XX display means X.X raise to the power 10 (10^{XX})
Example: If display shows 9.5E10, it means $9.5 \times 10^{10}\Omega = 95\text{G}\Omega$

Interpretation of Digital Display

Lr --- Test resistance is less than 300Ω ($3 \times 10^2\Omega$)
Hr --- Test resistance is more than $3\text{T}\Omega$ ($3 \times 10^{12}\Omega$)

bL --- It needs Battery replacement
CE --- It means Calibration Error, needs re-calibration



Electrodes on the back side

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Digital display readout



Continuous Wrist Strap Monitor

P/N: 495

Model 495 Continuous Wrist Strap Monitor continuously monitors the ESD integrity of wrist strap and its ground. It provides instant notification of the wrist strap or ground failure. When the production process is of very high value, reliable ESD safety and ground is must for continuous monitoring at operator level.

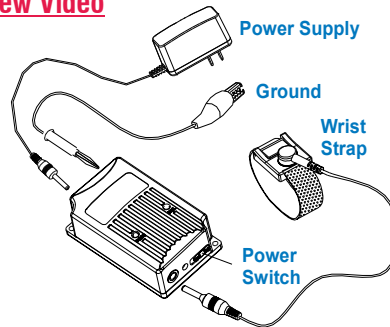
Features:

- Sound and light alarm
- Portable and compact, easy to use
- Real time monitoring of Wrist Straps
- Real time monitoring of grounding

[Click here to view Video](#)

Specifications:

- Input Voltage : 6 ~ 12 VDC
- Working Current : <math> < 50\text{mA}</math> (12VDC)
- Weight (approx.) : 50 grams
- Dimensions (approx.) : 75Lx46Wx27H mm



Wrist Strap Tester

P/N: ISM-498

Wrist straps are the primary method to minimize the static charge on the human body. They must be able to drain this charge as rapidly as it is generated. For this reason it is important to test wrist straps on a regular basis to ensure they are working properly. To ensure the proper working of Wrist Straps, this model ISM-498 is used to check the grounding quickly.

Specifications:

- Resistance Test Range : $750\text{K}\Omega \sim 10\text{M}\Omega$
- Power Supply : 9-volt battery
- Changeover Point : $\pm 10\%$
- Dimensions (approx.) : 117(L) x 80(W) x 40mm (H)
- Weight (approx.) : 110 grams

Scope of Supply:

- Wrist Strap Tester Model 498
- Power Supply: 9V Battery
- Grounding Wire

[Click here to view Video](#)



Checks contact resistance between Wrist Strap and skin

Warranty is 12 months from the date of invoice.
It excludes any mechanically damaged and electrically misused part.

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