

WRISTBAND - SHOES DUAL TESTER

A NEW-GENERATION TESTER

Art. E3

ELME E3 DUAL TESTER has been designed to test the performance of ESD wrist straps and footwear such as clogs, shoes, sandals or footgrounders.

E3 MAIN FEATURES

Test in accordance with IEC 61340 standard
3 different modes testing: wristband only, shoes only, wristband and shoes combined Test individually and simultaneously left and right foot Choice of different wristband cord inputs: banana, protected banana, snap

- Tests dual wristbands
- Shows high and low fails
- Audible buzzer and coloured LEDs
- Dual foot-plate
- Battery powered or external power supply
- Opening electrical doors relay

CHOOSE THE RIGHT MODE

The E3 enables you to choose the correct test range according to the IEC 61340-5-1STD. The mode selector shows 3 different positions: wristband only shoes only (each tested separately and simultaneously, due to the dual footplate) wristband and shoes (in this case shoes are considered as non-primary grounding mean)

OPEN DOORS ON RESTRICTED EPAs

A typical application of the E3 is to be connected to electrical locking doors system: by the output on the lower part of the monitor. When the test shows "PASS" the relay system of the E3 will close the loop, opening the door

POWER IT

E3 may be powered both by batteries and by external mains power supply. In case of batteries, a "battery low" LED will advise when you need to replace it. External power supply is supplied as optional on request



TESTER SET INCLUDES WALL PANEL AND DUAL FOOT PLATE



FRONT PANEL INCLUDES MODE SELECTOR, COLOURED LEDES, WRISTBAND INPUTS, HAND TOUCH PLATE

ESD TESTERS

COMBINED TESTER WITH PC INTERFACE

Art. SVR 8900

Wristbands and footwear tester (left and right foot, wristband) records tests values and operators datas. Expandable software windows-based may log up to 30000 employees. Accepts barcodes, magstripes, proximity readers. May open electrical doors and allows auditing documents print. Ask for specific detailed datasheets



SURFACE RESISTANCE METERS

Art. MIMEG

Pocket meter to measure resistivity and resistance to ground on different surfaces in the E.P.A..LED indication between 10^3 and 10^{12} Ohm. Includes resistivity electrodes on the back and is supplied with a ground electrode cord to test RTG.



Art. MULTIMEG

Professional digital resistivity and resistance meter tests at 10-100V (conductive and dissipative surfaces, according to IEC 61340-5-1std), digital display, RH and Temperature. Multimeg is supplied in a rugged metal case including meter, cords and electrodes (2,5 kg)



FIELD VOLTAGE METER

Art. EOS 2001

Portable E.P.A. voltage meter. Digital display 0 ± 19.990 V. "Hold"switch to fix reading in dark or hard to reach places. Manual zeroing, ground cord connection. Two converging front lights give correct distance from the surface to test



WORKSTATION PERMANENT ESD MONITOR

Art. xWatch

ELME's xWatch is the most effective ESD control for real-time monitoring of grounding connections for operators and workstations.

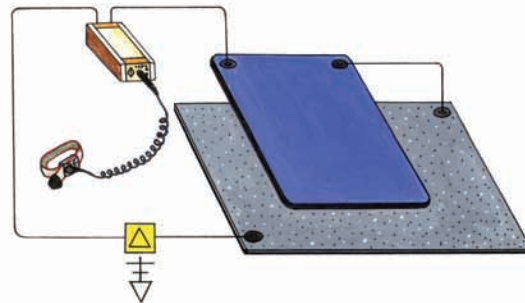
CHECK OPERATOR AND MATS

Electronic circuitry continuously checks the grounding of the operator wearing a standard single-cord wristband. Plug and play. Just plug in the cord into the xWatch and start using it. The xWatch simultaneously checks the effective grounding of mats (both table and floor mats) by simply connecting it to the ground mains and to the ground cords of the mats. xWatch needs no special cords wristbands and is activated by inserting the wrist cord into the front banana



LED, BUZZER & MODE SWITCH

Any malfunction in the grounding of the workstation is promptly alerted by Red/Green coloured LEDs and audible tones. A mode switch allows testing of either the wrist band, or the workstation ground mats or both. xWatch is powered by an external power supply for best dependability. A parking snap on the front side allows the operator to leave the work area without turning off the instrument.



SAVE SPACE ON THE BENCH

xWatch is used at ESD workstations in electrostatic protected areas. Install xWatch under the workbench using the slide (designed to easily pull in and out the monitor).



TURN-OFF EQUIPMENT RELAY OPTION

When needed, xWatch can be equipped with the relay-switch option. This application may be used to turn-on a light signal, to stop a production electrical equipment or else, whenever the xWatch records a ground disconnection of the operator or the mats.

WIRELESS NETWORK

xWatch can be equipped with a wireless system in order to provide wireless connectivity linking together several monitors into the production area. All monitors report to a central receiver, and any disconnection is recorded on a windows-based software. Ask for specific literature.

