

Wrist straps and ESD footwears are the first line of defence against electrostatic charge build up on the human body. They are designed to carry away this charge as soon as it is generated. At the same time the wrist strap/footwear must remain electrically safe for the user. Thus, it is important to test every wrist strap/footwear regularly.



In order to protect sensitive electronic components, the maximum wrist strap resistance should not be more than 10 meg ohms and footwear resistance should not be more than 35 Mega ohms. On the other hand, the resistance should not be less than 0.75 Mohm as protection to the wearer from dangerous levels of voltage and current flow.

The wrist strap and the footwear tester checks these parameters under actual operating conditions with the strap on the wrist or footwear to the foot. It clearly indicates whether or not the wrist strap/footwear system is safe to use.

Specifications

- Pass Range
 - Wrist Strap : 0.75 to 10.0 meg ohm.
 - Footwear : 0.75 to 35.0 meg ohm.
- Range selection : by Slide Switch
 - 10 meg ohms: Wrist Strap
 - 35 meg ohms: Footwear (Heel/Toe strap)
- Indications
 - Pass : GREEN LED
 - Fail : RED LEDS
- Audible Alarm for Fail mode.
- Actuation : Gently press metal sensor plate
- Accuracy : 10%
- Power supply : 9 V DC battery.
- Low Battery : Warning less than 7 volts
- Dimensions : 125 x 75 x 29 mm
- Weight : 200 grams
- Calibration : Every 12 months
- Traceability : To national standards

Scope of Supply

Description	Z103	Z103+Z103F+Z--W	Z103+Z103S
Z103 Wrist Strap & Footwear Tester	●	●	●
Z103F Footplate for Z103.. series		●	
Z--W Wall Stations for Z103... series		●	
Z103S Stand for Z103.. Series			●

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