

# WRIST STRAP & FOOTWEAR TESTER *Z103-100*

(optional: Wall Station Z103W & Footplate Z103F)



Wrist straps and ESD footweares 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/test 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 100 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 100.0 meg ohm.
Range selection	:	by Slide Switch 10 meg ohms - Wrist Strap 100 meg ohms - ESD Footwear / Heel & Toe strap.
Indications	:	Pass - GREEN LED Fail (low) - RED LED Fail (high) - RED LED Audible Alarm for Fail mode.
Actuation	:	By gently pressing metal sensor plate.
Accuracy	:	+ 10%
Power requirement	:	9 V DC battery.
Low Battery	:	Warning less than 7 volts.
Dimensions & Wt	:	125 x 75 x 29 mm. 200 gms
Calibration	:	Recommended every 12 months.
Traceability	:	To national standards
Warranty	:	12 months.