



## GZ-100 Defensive Digital Display ESD Checker

*The World's No.1*

***"Failure-Preventive" Personnel ESD Wrist-strap/Footwear Tester***

*~ "Near-Fail" Indicator to effectively avoid sudden failure after testing*

**Patented Design**



- ✓ **Digital Display Resistances**
- ✓ **"Near-Fail" Indicator**
- ✓ **Manual Select Test Mode :**  
**Wrist Only, Foot Only, or**  
**both Wrist and Foot**
- ✓ **Easy, Time-saving : Just**  
**One Touch Completes All**

After we released the 3<sup>rd</sup> generation Defensive Personnel ESD Network System GZ-600 Captain GREEN, we have received marvelous positive responses from the customers. To further extend our services to more popular customer bases, we now announce our Deluxe **Defensive Digital Display ESD Checker: GZ-100**. Its main features include : 1) the innovative LCD screen will instantly display the test result and the measured resistances of the wrist-strap and the footwear; 2) the proactive "Near-Fail" function will issue a warning indicator to remind the user to watch out the risk that the ESD grounding device under test is about to fail soon. This is very useful in preventing many un-identified ESD problems; the default upper and lower resistance limits fully meet the requirements of international standards such as ANSI/ESD S20.20-2014 or IEC61340-2014.

With the good price and the super-powerful function package, GZ-100 provides you a state-of-the-art **fast**, **safe**, and **extreme simple** tool to fully meet your daily ESD checking need. It further assists you to effectively enhance the performance of the EPA control and administration.



### PRODUCT KEY FEATURES

- LCD digital display screen instantly displays the test result and the measured resistance.
- “Near-Fail” LED indicator is to prevent the sudden failure of grounding device after test.
- Manually select the test mode: Wrist only, Foot only, or Both wrist and foot.
- 100% independently test the left-foot and the right-foot for an accurate and reliable testing.
- The test result of wrist and both feet are shown by separate LED's for clear reading.
- Only one touch is needed to complete the testing of both wrist and foot for fast operation.
- Test limits meet USA and European standards; preset with broad test range 100KΩ~1GΩ.
- Reliable and durable alternative touch/push metal button is designed for ergonomic operation.

### APPLICATIONS

SMT Assembly Lines, Semiconductor Clean-Rooms, High-Tech R/D Rooms, Defense and Military Restricted Areas, Explosive Handling, Aero Space Maintenance and Repairs, Drug Production Lines, Hospital Restricted Area, Bio-Chemical Area, Auto Electronics Lines, LCD Productions, Energy and Green Products, HF Wireless Productions, Magnetic Media Products



### PRODUCT FUNCTIONAL SPECIFICATIONS

ITEM	DESCRIPTION
<b>LCD Digital Display Screen:</b>	Instantly display the measured resistance and test result
<b>ESD Wrist-strap Test</b>	Factory default: traditional single-wire wrist-strap. May change to dual-wire wrist-strap per user request at factory.
<b>Test Modes:</b>	Wrist only/ Foot only/ Both wrist and foot
<b>Upper/Lower Test Limits:</b>	Factory default: Wrist 1MΩ~35MΩ/ Foot 1MΩ~100MΩ. Accept customer preset at factory; range is 100KΩ~1GΩ.
<b>Special Reminder:</b>	Display “Near-Fail” test result on LCD and LED
<b>Power Input:</b>	100-240VAC, 50/60Hz
<b>Operating Temperature:</b>	0°C~ 40°C, for indoor use only
<b>Tester Dimensions:</b>	140×125×33 mm (L×W×H)
<b>Dual Independent Footplate Dimensions:</b>	480×403×25 mm (L×W×H)
<b>Optional Hardware Management Software (GZ-100-SEE):</b>	To manage control parameters and test limits inside tester