

ESD Tester with card reader (GZ-350)

61-200-0145 / 0146



- ✓ Digital Resistance Calculation
- ✓ "Near-Fail" Indicator
- ✓ Human Body Noise Filtration
- ✓ New Test Mode:

Test wrist-strap or footwear -
Either one okay makes a PASS

The legendary GZ-350 series is a product combining ESD footwear testing and computer-controlled access. In many EPA areas, the testing and recording of ESD footwear and wrist-strap is manually conducted in traditional ways. It is not guaranteed to be executed faithfully and in most cases is distorted by so many human errors. Both customers and the management are not confident with the test records. This leaves a big room for potential improvement in personnel ESD grounding test in your EPA. Aiming for this, the GZ-350 provides an effective and failure-preventive solution. It enables enforced paperless testing of a person's grounding footwear and/or wrist-strap before entering the EPA and generates daily test report for the managers.

Product specifications:

The main features include but not limit to the following:

TRUE: Truly 100% paperless testing	"Near-Fail" failure-preventive indicators
STABLE: Support test records logging with tester intelligence	Provide test limits for ANSI/ESD S20.20-2007 & IEC-61340-2007
TOUCH: Digital resistance calculation	Test both single & dual wrist-straps
ACCURATE: 100% Independent left and right foot testing	Simultaneously and independently test footwear & wrist-strap

Comparison with traditional manual testing:

Traditional Manual Testing	<u>GZ-350 Automatic Enforced Testing</u>
Good only for non-serious applications.	For applications requiring strict ESD and image.
Not enforced. Easy to pass. Low initial cost.	Enforced testing to avoid by-pass. High return.
Manual paper recording may produce all kinds of human errors. No in-time reports.	100% paperless recording through processor memory to prevent human errors.
Loose control and management is error-prone. Can not gain trust and confidence from users.	Scientific management is accurate and effective. May monitor for a clean floor and gain user's trust.
Test is okay even just one of the 2 foot-wears passed. This blind point violates the standard.	Independent testing on each foot produces no blind point and is fully compliant to standard.

Applications:

SMT ESD areas, Clean-rooms, Hi-Tech R/D rooms, Military ESD areas, Explosive handling areas, Aerospace repairs, Drug productions, Hospital ESD restricted areas.

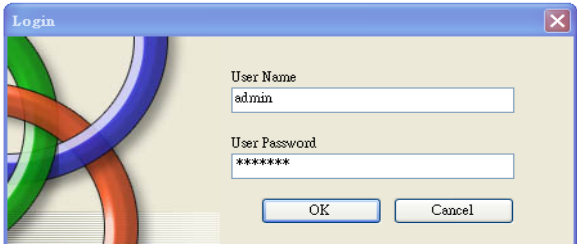
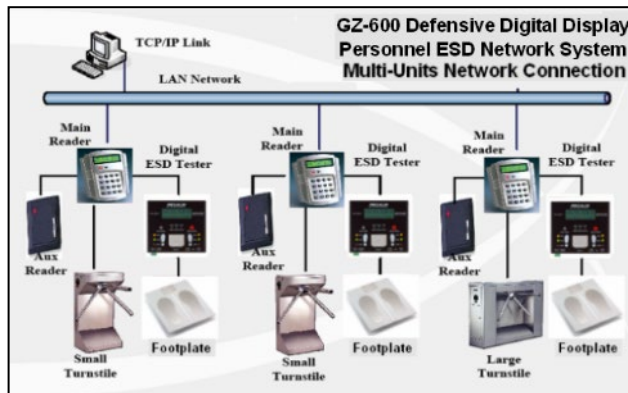
Technical Specifications:

Proximity Card formats:	Mifare / HID
ESD Footwear Tester:	100% Independently test left and right foot simultaneously
ESD Wrist-Strap Tester:	2 single-wire connexions, 10mm stud and banana plug
Test Modes:	No Test/Wrist Strap only/ Foot only/Wrist Strap and Foot/ Wrist Strap or Foot only
High/Low Limit for Resistance Range Selection:	Multiple choices to fit ANSI /ESD S20.20 or IEC-61340
Special Indicators:	"Near-Fail" Indicators
Led indicator	9 Leds for test results indication
Input Voltage:	100-240VAC, 50/60Hz
System Dimensions:	160×155×35 mm (L×W×H)
Dual Independent Footplate Dimensions:	480×403×25 mm (L×W×H)
Norm compliance:	IEC61340

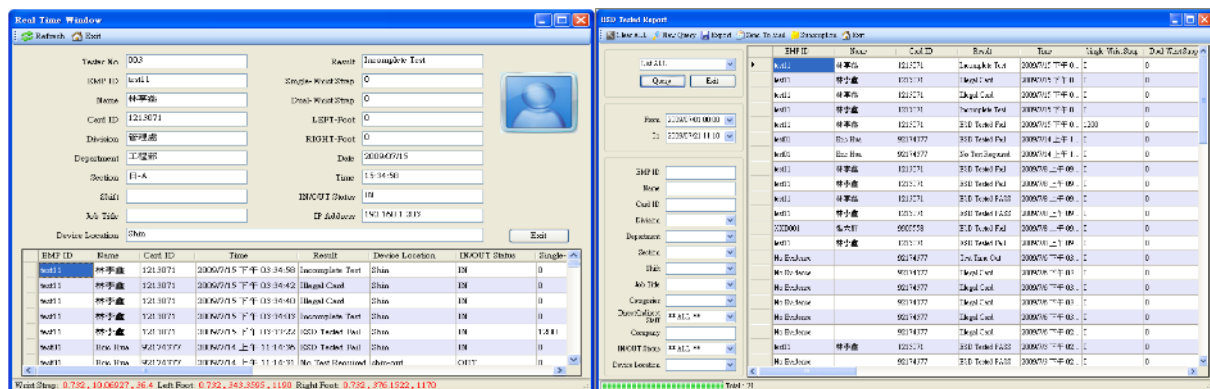
GZ-600-IMS Captain GREEN Integrated Management Software (based on SQL server database system)

Computerized ESD Grounding Test Produces Error-Free Testing Reports.

GZ-600-IMS is the integrated management software specifically designed for GZ-350. It provides the users easy-to-use and powerful functions including employee access administration and automatic statistical and analytical reports generation of test results. GZ-600-IMS can be used with a GZ-350 in stand-alone or networked mode. It runs on a PC and connects to the GZ-350 through the TCP/IP jacket in the network as shown below:



GZ-600-IMS is very easy to use with clear functions grouping. The user interface is menu driven. After the management accounts are setup, the account users can use the editing, query, and report generation functions within their authorization. Below are operation screen examples:



The existing employee and ID cards data can be imported to GZ-600-IMS through several popular data exchange formats. The records stored in GZ-350's memory can be exported in the similar way. The GZ-350 can be operated in Real-Time mode or in batch data retrieval mode per user's actual requirement.

Part numbers:

PN	Description
61-200-0145	ESD Tester GZ-350-HID with Software
61-200-0146	ESD Tester GZ-350-MIF with Software

Additional product:

Calibration system, PN 61-200-0075