

GZ-1800 Proactive Networkable ULV ESD Workstation Monitor



GZ-1800 is a proactive ESD grounding monitor for operator / workstation with highest flexibility and performance specifications in the industry. This ultimate digital device provides complete protection to two operators by monitoring both **resistance** and **voltage** independently using dual wire wrist strap. GZ-1800 monitor meets **ULV (ultra low voltage)** requirement for **safety** and **green energy** for induced operator and work-station voltage. It also monitors ESD mat ground and low resistance of tool chassis ground simultaneously. Very easy to use with standard default settings. The user can also set the new alarm limits and OPC (operator presence check) via an optional dedicate PC software. Using an optional digital display module, the results measured can be viewed on-site and a set of external control interface are provided.



SPECIFICATIONS:

Proactive Key Functions:	- Wrist-strap alarm: High Limit: 8MΩ ~ 35MΩ; Low Limit: 750KΩ ~ 2.4MΩ - Operator voltage alarm: ±1V ~ ±5V - Mat (soft ground) alarm: 10MΩ ~ 1.5GΩ - Tool (hard ground) alarm: 2Ω ~ 20Ω - Support hardware (IR) Operator Presence Check ; Built-in network ports - Support software Operator Presence Check with user-programmable time - Via GZ-1800-D, provide digital display on LCD and external interfaces
Software Support:	- Via GZ-1800-SEE, each alarm can be set to a specific threshold or disabled - Via GZ-1800-H router, to form an auto-run monitor network (max.128 units) - Via BOSS-see interactive network program for resource allocation & control
Power:	8 - 12V DC 100mA; Support multiple-unit power sharing
Mechanical:	L: 4 inch W: 3 inch H: 1 inch

APPLICATIONS: Hard drive manufacturing / GMR head testing / Electronics assembly / Aerospace / Military / Semiconductor Fabrication / Any static sensitive assembly and test environment

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