



WY-300-M Network Dual Workstation Monitor

In a modern work environment, proper ESD grounding is crucial to assure product high quality and reliability. When the control environment is very sensitive, then a loose or open grounding wire may cause serious damages to the sensitive parts in the product.

WY-300-M is low-price high-function dual workstation ESD monitor. It is able to monitor 2 independent wrist-straps and 2 ESD table mats. The real-time status is displayed at the 3-color LED on the front panel.

Using the built-in special circuit in each WY-300-M, multiple WY-300-M units can be interconnected into a network. A central management program on PC will communicate to the WY-300-M network through a router to collect overall monitor status (PASS/FAIL) and log the data into a database.

WY-300-M contains a built-in interface that allows you to connect the wrist-strap alarms to external devices such as industrial-grade siren to perform further enhanced control.



Key Features:

- Built-in networking circuit
- Continuously monitor 2 independent wrist-straps and 2 ESD table mats
- Alarm limit for Mat: 1000MΩ
- Each alarm item can be Enabled or Disabled
- Built-in external interface to siren
- Standby indicator: when power is on without wrist-strap plugged in
- Typical capacitor tests: pass 150pF, fail 50pF

Software Support:

- By WY-300-SEE, each alarm item is settable
- By GZ-1800-H network router, a monitors network is easily setup (\leq 128 units)
- By WY-300-IMS central network software, overall network status is under remote control

Power:

- 12V DC 100mA, support power sharing among multiple units

Mechanical Specifications:

- Dimension (W × H × L): 4 × 1 × 3 inch (10 × 2.5 × 7.5 cm)
- Housing Material: Fire-proof anti-shock PVC



Applications:

Electronics Assembly/ Medical Equipment/ Aerospace/ Military/ Semi-con/ Any ESD sensitive areas

Example: To monitor highly sensitive electronics assembly lines

There are many workstations in high-tech electronics assembly lines that require strict ESD grounding. The operators are required to use traditional single wire wrist-strap monitors when assembling highly ESD sensitive products. The managers want to reinforce the real-time ESD monitoring through remote networking. WY-300-M network is the best affordable solution to meet this challenging requirement.

