



WY-200 Dual Workstation Monitor



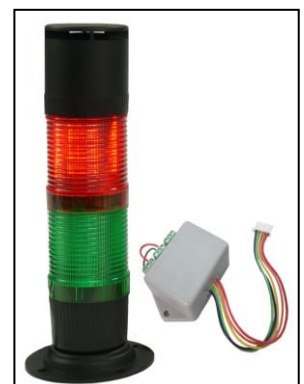
*To Monitor
Personnel and
ESD Mat Grounding*



WY-200 is a multi-feature continuous monitor. It is a dual workstation ESD monitor designed specifically for price-sensitive users. The personnel capacitance to earth is used during monitoring. The unit is made with reliable SMT technology with solid housing. It is able to simultaneously monitor the ESD grounding of 2 traditional single-wire wrist-straps and 2 ESD table mats.

Key Features:

- Simultaneously monitor 2 traditional wrist-straps and 2 ESD table mats.
- LED and audio indicators for wrist-strap and ESD mat grounding status.
- Stand-by indicator: Power is on but wrist-strap is not plugged in.
- Alarm audio sound volume is adjustable.
- Operator sensitivity is adjustable.
- ESD mat resistance limit: $100M\Omega \pm 10\%$
- Wrist-strap alarms can be connected to external industrial grade siren.
- Dimension (W×H×L): 4×1×3 inch (10×2.5×7.5 cm)
- Typical capacitor tests: pass 150pF, fail 50pF



(Ver. 2020)

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Inspection Procedures

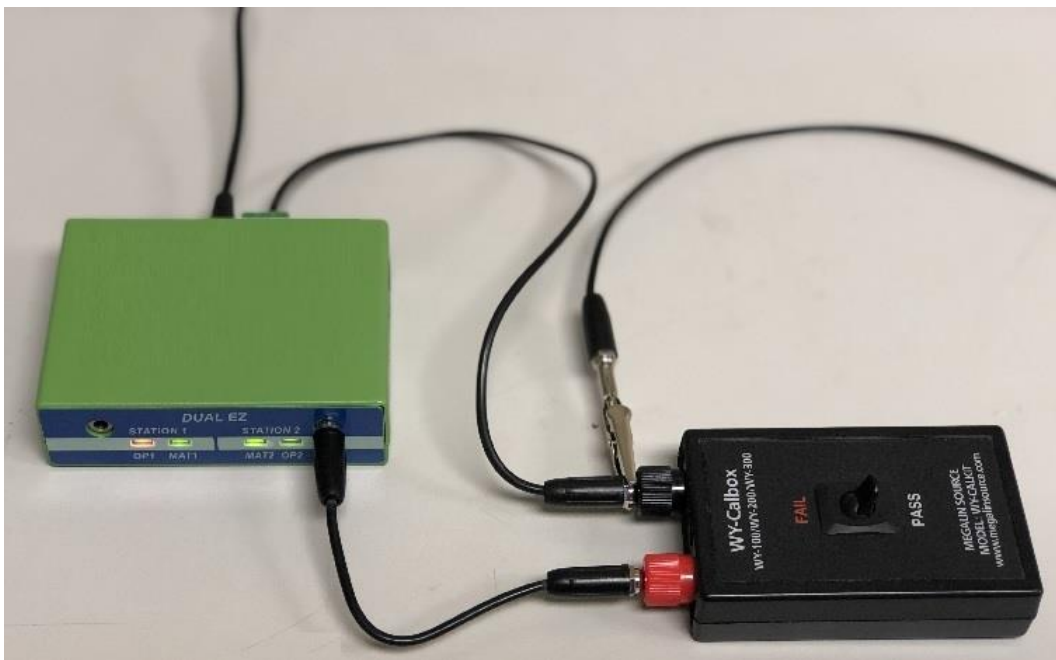
Products

Part Number: WY-200

Tool required: WY-Calbox (Typical pass capacitor is 150p, typical fail capacitor is $\leq 50p$.)

Inspection Procedures

1. Ground the unit through ESD ground terminal. Connect the clean terminal wire on the WY-Calbox to OP1 plug-in hole at the front, and connect the other terminal wire with WY-200-PASS resistors kit to the Phoenix terminal connector at the back of the monitor.
2. To inspect OP1, switch downward the rock switch on WY-Calbox. The OP1 LED should be GREEN. If the OP1 LED is RED, adjust the calibration hole on the side near OP1 until OP1 LED turns GREEN.
3. Next, switch upward the rock switch on WY-Calbox. The OP1 LED should be RED. If the OP1 LED is GREEN, adjust the calibration hole on the side near OP1 until OP1 LED turns RED.
4. Both LED's of MAT1 and MAT2 should be GREEN.
5. Replace the WY-200-PASS resistors kit with the WY-200-FAIL resistors kit at the back of the monitor. Both LED's of MAT1 and MAT2 should be RED.
6. To inspect OP2, repeat step 1 through step 3 on OP2.



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