

3M™ Dual Conductor Portable Wrist Strap Monitor

The 3M™ Wrist Strap Monitor 725 is a small, compact, battery-powered unit that continuously monitors both the worker and the worker's wrist strap. The monitor uses a reliable resistance method that includes the worker's skin resistance to determine if the system is operating properly.

The monitor uses the same dual conductor wrist strap as used with the 3M™ Workstation Monitor 724. In addition, the Monitor 725 also monitors the ground wire connection and battery level.

The Wrist Strap Monitor 725 immediately alerts the individual when a wrist strap is operating improperly. The Monitor 725 continuously supplies a current that is returned through a wrist band and cord that contain two separate independent conductors.

The monitor is a compact, portable, battery-powered unit with a visual and an audible alarm. A "parking plate" mounted on the Monitor 725 allows an individual to disconnect the ground cord and clip it to the parking plate to silence the alarm when moving from one work area to another. The 3M™ Belt Clip 723 is available as an accessory item and may be purchased separately.

The competitively priced Wrist Strap Monitor 725 can be used in manufacturing and field service environments. By contributing to the protection of static sensitive devices and printed circuit boards from static damage, the monitor helps save money and time as a result of improved yield rates and lower field service costs.



3M™ Wrist Strap Monitor 725

Product No.	Description
725	Personal and Portable Wrist Strap Monitor for use in manufacturing and field service environments. The Monitor 725 features wrist strap monitoring and grounding for ESD mats/work surfaces. Accessory Belt Clip 723 converts the monitor into a portable/personal monitor.
723	Accessories: Belt Clip 723 2.5 H x 2.625 W x 1.125 in. D (6.4 x 6.7 x 2.9 cm)



725 Properties

Item	Typical Properties
Dimensions	2.5 H x 2.6 W x 1.1 in. D (6.4 x 6.6 x 2.8 cm)
Power Supply	9 V alkaline battery (not supplied)
Test Voltage	9 Vdc maximum
Test Current	Less than 1 microamp
Upper Resistance Limits	Wrist Strap: 35 megohm Ground Clip: 10 megohm
Lower Resistance	Wrist Strap: 1.5 megohm Worksurface: none
Accuracy	± 15%
Environmental Operating Conditions	
Temperature	Max. 110°F (43°C), Min. 50°F (10°C)
Humidity	Max. 75% R.H.
Accessories	Belt Clip 723



3M™ Belt Clip 723



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Note: Only use 3M™ Dual Conductor Bands and Cords with the Monitor 725. See page 8 for additional information on wrist band and cord combinations.