

3M™ Workstation Monitor 724

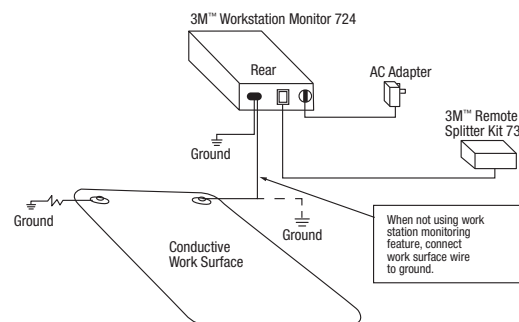
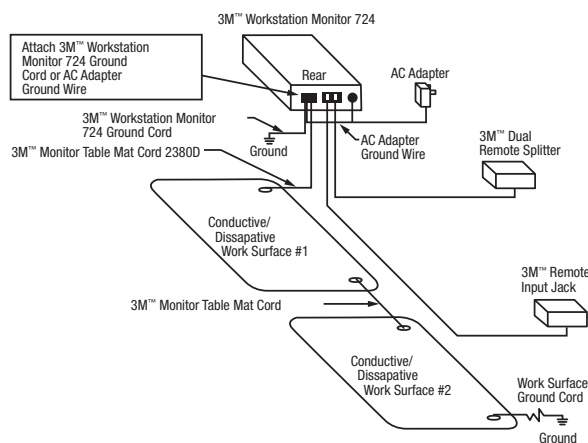
The Workstation Monitor 724 continuously monitors the resistance of the operator and worksurface ground connections. The monitor uses a reliable resistance method that actually includes the operator's skin resistance to determine if the system is operating properly. If the operator's resistance exceeds pre-set levels of 10 megohm or 35 megohm, or the work surface connections exceed 3.7 megohm, audible and visible alarms are triggered. The unit will also warn of potentially dangerous low-resistance situations with a flashing yellow LED lamp. A switch allows the user to select either a 9V or 16V test voltage, and 10 megohm or 35 megohm resistance setting.

The monitor uses the light, compact dual conductor wrist strap (purchased separately). Dual conductors provide the resistance circuit that is monitored, as well as grounding redundancy. If one conductor fails, the other will still function to prevent sensitive components from being exposed to static.

The Workstation Monitor 724 monitors a visitor to the workstation or a second operator. In addition, the loudness of the alarm is adjustable. The Workstation Monitor comes with a dual conductor remote input jack; AC adapter; ground cord; monitor/table mat cord; two-wire connector; wire management clips; and user's guide.



3M™ Workstation Monitor 724 pictured with 3M™ Remote Input Jack 732, 3M™ Dual Conductor Wrist Band 4700 and the 3M™ Dual Conductor Cord 2360 (ground cord and band not included).



The worksurface ground resistance circuit of the 3M™ Workstation Monitor indicates a malfunction when the ground loop resistance exceeds 3.7 megohm. To determine if your mat is within this limit, perform the following procedure using an ohmmeter. Measure the resistance between the snap on the mat, where you intend to connect the 3M™ Monitor/Table Mat Replacement Cord 2380D, and the ground point for the mat. Be sure the mat is connected to ground.

Product Number	Description
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724	Workstation Monitor complete with a quick connect/disconnect 3M™ Remote Jack 732 and mounting hardware
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724 Monitor Properties

Item	Typical Properties
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Dimensions	6.5 H x 3.125 W x 1.375 L in. (16.5 x 7.9 x 3.5 cm)
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Input Power Supply	25 VDC @ 50mA minimum
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AC Adapter	120VAC 60Hz 8W
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Test Voltage	9 VDC or 16 VDC (Switch selectable)
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Test Current	Less than 3 microamps
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Upper Resistance Limits	Wrist Strap: 10 or 35 megohm Switch selectable Worksurface: 3.7 megohm
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Lower Resistance	Wrist Strap: 1.5 megohm Worksurface: none
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Accuracy	± 15%
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Environmental Operating Conditions

Temperature	Max. 110°F (43°C) Min. 50°F (10°C)
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Humidity	Max. 75% R.H.
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Accessories

Remote Splitter Kit 733
Stand-By Jack 3057
Power Supply 724 for EU/UK with power plug (order separately)

3M™ Dual Conductor Remote Input Jacks 732

The Dual Conductor Remote Input Jack 732 may be purchased as a replacement part for the 3M™ Workstation Monitor 724. It provides two phone jacks – one for the primary worker and one for use by visitors to the work area. The 3M™ Remote Splitter Kit 733 may be purchased for use in conjunction with the Workstation Monitor 724. It offers the versatility of grounding and monitoring two workers at independent workstations that are in close proximity. The units feature a quick “connect/disconnect” system.



3M™ Remote Input Jack 732



3M™ Remote Splitter Kit 733

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Product Number	Description
732	Replacement Remote Input Jack for the Workstation Monitor 724, 6 ft. (1.8 m) long cord Size, in. (cm): 3.188 H x 1 W x 1.5 in. D (8.1 x 2.5 x 3.8 cm)
733	Remote Splitter Kit, 6 ft. (1.8 m) long cord Size, in. (cm) .188 H x 1 W x 1.5 in. D (8.1 x 2.5 x 3.8 cm)

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