



MD-Series Isolation Transformers Instructions for Use

The following instructions apply to all isolation boxes that Triad is producing for use in medical settings.

Affected parts are:

MD-250-U, MD-250-E, MD-500-U, MD-500-E, MD-1000-U, MD-1000-E, MD-2400-U, and MD-2400-E.

Class I equipment

Read Instructions - All safety and operating instructions should be read before operating these transformers.

Retain Instructions – The safety and operating instructions should be retained for future use

Heed Warnings - All warnings on the transformers and in the operating instructions should be adhered to.

Caution! To reduce the risk of electric shock and fire, do not remove the cover of this device. There are no user serviceable parts inside.

Caution! To prevent electrical shock, match the wide blade of the input plug to the wide slot, fully insert.

Caution! To reduce the risk of electrical shock, ensure the fuses are replaced with the appropriate fuse according to the unit markings. Unplug the transformer prior to replacing fuse.

Caution! To reduce the risk of electrical shock, do not expose this equipment to rain or moisture.

Intended for use indoors as an isolated power source with low leakage current (less than 50 Microamps) in NON-patient connected conditions. These Isolation Transformers are designed to be used to protect sensitive electronic equipment in patient care areas.

There are no accessories used in conjunction with these transformers. These transformers operate at low frequency (50 / 60 Hz) only. There is no potential electromagnetic interference associated with the use of these devices.

The only user replaceable part on these devices is the fuse. Replacement of the fuse should only be performed after the transformer is un-plugged from the wall socket.

Transformers are for use in a dry, indoor environment only. The device should never be used in, on or near water for risk of fatal shock.

Transformers are NOT to be used in an environment where flammable gases may be present.

The device should always be located in such a way that it maintains proper ventilation. It should never be placed in a built-in installation or anywhere that may impede the flow of air through its ventilation slots.

Never locate the device near heat sources such as radiators, floor registers, stoves or other heat generating devices.

Transformers are to be placed on a level surface with the handle facing up.

For proper grounding, input plug is to be connected to the proper 3 prong socket which fits the plug provided.

Power cables should be routed so they are not likely to be stepped on or crushed by items placed on them or against them. Special attention should be paid to areas where the plug enters a socket and where the cord exits the device.

These Transformers should be cleaned with a mild cleaning solution (example: hard surface cleaner / appliance cleaner) applied on a soft cloth and then wipe off the unit to remove light dirt and dust. Never spray liquids directly on these units to avoid electrical shock and damage to the unit.

Equipment plugged into the output sockets must not exceed the rated current of the transformer. (This is the TOTAL current for ALL output sockets combined.)

Care should be taken that no foreign objects or liquids fall or are spilled inside the device.

The transformer should be returned to Triad for service when:

- The plug or power supply cord has been damaged
- Objects have fallen into or liquid has spilled inside the transformer
- The transformer has been exposed to moisture
- The transformer does not appear to be operating properly or exhibits a significant change in performance.
- The transformer has been dropped or the enclosure becomes damaged.

These transformers should be serviced by Triad Magnetics. Only replacement parts specified by Triad should be used. The use of unauthorized substitutions may result in fire, shock or other hazards.

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.



This symbol alerts the user of uninsulated hazardous voltages which may be present within this enclosure.



This is a generic warning symbol that alerts the user to the presence of important operating, maintenance and servicing information in the accompanying Instructions For Use (IFU.)



This symbol is used to depict Alternating Current (AC) voltage

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