



**INDUSTRIAL
MAGNETICS.**

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DSC 423/424 DEMAGNETIZERS INSTALLATION MANUAL

WIRING INSTRUCTIONS:

- » For 115 VAC units, plug unit in to a grounded 115 VAC receptacle.
- » For 230 VAC or 480 VAC units, connect green wire to the earth ground and the white and black wire to 230 VAC or 480 VAC line (single phase). Use approved fused disconnect or switch.
- » Always wire units in accordance with local regulations.

GENERAL OPERATING INSTRUCTIONS:

- » Always keep the pieces to be demagnetized as close to the Demagnetizer face as possible.
- » Move the work piece slowly across the face of the Demagnetizer until it is out of the demagnetizing field. (Area of the black phenolic plastic). Do not cycle power to demagnetizer ON & OFF while parts are in demagnetizing field.
- » Small items may require physical separation for satisfactory results.
- » On assemblies, it may be necessary to disassemble the components and pass them through the demagnetizing field individually.
- » Depending upon the material composition and design of the object to be demagnetized, it may be necessary to rotate the material from a longitudinal to a lateral axis for satisfactory results.

WARNING:

Keep Demagnetizer turned OFF when not in use to prevent excessive heating that could damage internal components and shorten life of Demagnetizer.

Please be advised that in and around the application of magnetic equipment, there are potential safety concerns that can arise with sensitive medical devices.

- » Pacemaker behavior can be affected when near strong magnetic fields
- » Medical implants and external fixation systems can be influenced by magnetic fields
- » Hearing aid behavior may be affected when exposed to strong magnetic fields

Any individual that carries the above equipment or other sensitive medical devices should use caution when approaching or handling magnets or demagnetizers. For more specific information, the wearer is advised to consult their physician.

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