NDT Supply.com
7952 Nieman Road
Lenexa, KS 66214-1560 USA

RB ANNIS Demagnetizing Coils

Annis Coil type demagnetizer are 60 Hz AC line frequency. AC demagnetizers concentrate the demagnetizing field on the parts surfaces with decreasing field strength with increase depth. Thin and low alloy/low hardness materials are more thoroughly demagnetized than solid and thick parts of high alloy/high hardness. When full cross section demagnetization is needed Low Frequency AC or Reversing DC is required – call us.

Custom aluminum housings are designed for surface/bench mounting and have a 'ribbed' outer periphery to enhance convective heat transfer. Annis demagnetizers have field strengths that range from 230 to 1,200 gauss and are designed to operate either in a continuous [C] or intermittent (I) mode in a dry environment. Units are available for operation in 'non-dry' conditions. Intermittent types are rated for 25% duty with a maximum 'on' time for 5 minutes. Annis demagnetizers are currently used worldwide and are available in a wide variety of sizes, shapes, field strengths, with options to fit your needs.

Phone: 913-685-0675
Fax: 913-685-1125

sales@ndtsupply.com
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Round Demagnetizers	
Diameter	Gauss
3.5”	242 -590
4.5”	590 - 1200
6”	212 - 700
10”	230 – 695

Rectangular	
Size	Gauss
2 x 5”	320 - 720
4 x 7”	300 –860
4 x 9.5”	350 -700
4.5 x 14”	210 - 420
6 x 14”	240 - 650
8 x 24”	275 -550
14 x 16”	165 - 450

Gauss Level depends on Intermittent or Continuous and input voltage

Options

- Input Voltage:120, 240, 480 VAC
- Duty Cycle: Intermediate or Continuous
- Drip Proof
- Special Mounting
- Custom Design

Notes:

- Choose the smallest coil that will accommodate your parts.
- The strongest field is at the inside surface of the coil
- The magnetizing field must fully overcome the residual magnetism in your parts to be effective.
- The part should be slowly fed through the demagnetizer and completely out of the magnetic field before it is removed or the coil shut-off.
- Parts must be demagnetized in an East-West direction to minimize the effect of the Earth’s field, and in an area free of magnetic interference.

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