

# NDT Supply.com, Inc.

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## WA Series AC Magnetizing Coils



WA-Series AC Coils are powerful Portable AC Coils. All models are rated at over 4000 Amp Turns at 115VAC / 60Hz, and in excess of 5000 Amp Turns at 230VAC / 50Hz ("K" Models).

**Great for detecting surface and near surface cracks, seams, etc.**

WA-Series Coils are available in four ID sizes 8" (203mm), 10" (254mm), 12" (305mm) and 14" (356mm)

The WA-Series Coils are supplied with a Power Cord , 8' (2.5m) long, and a 5' (1.5m) Foot Switch Cord. Both cords are SOOWXTREM H07RN-F) which is a high-quality cable standard.

WA-Series Coils come standard with a foot switch. A Energize Button is offered as an option for inspectors requiring extra mobility. Both the Foot Switch and Energize Button activate the AC Module, which handles the full electrical load of the WA-Series Coils. The amperage capacity of these modules far exceeds the requirements of the Coil, which give the Foot Switch and Energize Button extended life. This is one of the reasons the AC Output from a WA-Series Coils is so high, as the switching system that can handle the load.

AC Coils are effective for finding surface breaking defects on work pieces. Note the AC field does not penetrate the surface of the workpiece, this is called "skin effect".

Residual magnetism is DC and penetrates deeply into the material. Therefore, you should not expect full demagnetization from an Alternating Current Field.

If full demagnetization is required, reversing and decaying DC field must be used.



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