



MAGNAFLUX®

Digital Ammeter and Shunt Test Kit



622350

The Ammeter Shunt Kit is used to verify magnetizing current output of magnetic particle inspection equipment up to 10,000 amps on half-wave DC, 1-phase full-wave DC and 3-phase full-wave DC output, and up to 6,000 amps on AC current output.

Use the calibrated Ammeter Shunt Kit as part of regular system performance checks to ensure equipment accuracy and repeatability for the most consistent mag particle inspections in compliance with ASTM E709, ASTM E1444 and ASME BPVC. When the calibrated shunt is connected to the mag particle equipment output, either contact or coil, the digital ammeter provides a traceable reference standard for calibration and verification of the magnetizing equipment.

The Ammeter Shunt Kit is specifically designed to accurately measure magnetizing current generated by Magnaflux magnetizing equipment. Equipment from other manufacturers may use different current control techniques, so the Digital Ammeter & Shunt may not give accurate readings for non-Magnaflux equipment.

Benefits & Features

Measures AC current up to 6,000 amps

Measures HWDC, 1-Phase FWDC and 3-Phase FWDC up to 10,000 amps[GE2]

Includes calibrated shunt and interconnect cable

Accuracy DC +/-2% or 30 A, AC +/-3% or 30 A

Portable storage case

Specifications: ASME BPVC, ASTM E709, ASTM E1444, ASTM E3024, ISO 9934, NADCAP AC7114/2



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