

Rollscan 350

Barkhausen noise analyzer

Rollscan 350 is designed for surface quality control and testing of near-surface defects such as grinding burns, heat treatment defects, as well as changes in stress and microstructure in a wide variety of ferritic steel and other ferromagnetic materials. The Rollscan 350 is a full-featured, self-contained unit which is portable for on-site measurements while also providing advanced capabilities for use in the laboratory.



Standard system features

- ✓ Measurement parameters adjustable via graphic user interface and front panel controls – no PC necessary
- ✓ Oscilloscope display with sensor feedback for real-time measurement diagnostics
- ✓ User interface in several languages
- ✓ Control panel with six function keys for selecting windows and functions
- ✓ Control wheel with a push button for adjusting different parameter values
- ✓ Setup pages for
 - Magnetization settings
 - Measurement settings
 - Communication settings
 - Miscellaneous functions
 - Diagnostics
- ✓ Automatic magnetizing voltage and frequency sweeps to find optimal measurement parameters
- ✓ Single measurement channel
- ✓ Magnetizing frequencies ranges:
 - Sine wave 1–1000 Hz
 - Triangle wave 1–150 Hz
- ✓ Analyzing filter ranges:
 - 10–70 kHz
 - 70–200 kHz
 - 200–450 kHz
- ✓ Connector for auxiliary devices
- ✓ Batteries optional

Dimensions

Depth	324–380 mm	12.76–14.96 in
Width	408 mm	16.54 in
Height	161–265 mm	6.34–10.43 in
Weight	6.8 kg	15 lbs
Weight with batteries	8.8 kg	19.4 lbs