



Features

- Connector types:
 - 4-pin LEMO®
 - 4-pin Fischer®
- Probe types:
 - Reflection differential
 - Absolute reflection
 - Differential bridge
 - Differential reflection
- POWERLINK™ technology
- Automatic scanner recognition and setup of frequency, gain, and filters
- LED alarm indicators

NORTEC™ Rotating Bolthole Scanners

Olympus' handheld rotating bolthole scanners work with our line of NORTEC eddy current flaw detectors. Featuring a speed range of 600 to 3000 rpm, a frequency range of 100 kHz to 6 MHz, and supporting both 4-pin LEMO and 4-pin Fischer probe connectors, our scanners are suited for many industrial applications inspecting ferrous and nonferrous alloys.

Common applications include:

- Aircraft airframes with or without fasteners
- Critical attachment fittings
- Support frames
- Wheel tie bolt hole inspections
- Surface inspections
- Postproduction testing for cracks
- Tube plug testing

	NORTEC 2000 S/D (rpm)	NORTEC 500 (rpm)	NORTEC 600 (rpm)
MiniMite	600 to 3000	600 to 3000	600 to 3000
Spitfire 2000	600 to 3000	600 to 3000	600 to 3000

Rotating Bolthole Scanner Specifications

MiniMite™ Scanner



Speed Range: Variable, 600 to 3000 rpm
Speed Control: Instrument controlled
Frequency Range: 200 kHz to 6 MHz
Probe Connector: 4-pin LEMO® or 4-pin Fischer® with O-rings
Probe Type: Reflection differential
Signal Coupling: Rotary transformer
Mounting: Handheld
Orientation: No physical restrictions
Alarm: LED indicator located at the rear and top of the case
Cable Connector: 16-pin LEMO
Size (L x W x H): 89 mm x 25 mm x 38 mm
(3.5 in. x 1 in. x 1.5 in.)
Weight: 0.11 kg (4 oz)
Part Number: 9744739 (LEMO)
9744738 (Fischer)

Spitfire 2000™ Scanner



Speed Range: Variable, 600 to 3000 rpm
Speed Control: Instrument controlled
Frequency Range: 100 kHz to 6 MHz
Probe Connector: 4-pin Fischer® with O-rings
Probe Type: Reflection differential
Signal Coupling: Rotary transformer
Stall Torque: 0.85 kg-millimeter max (30 oz-inch max)
Torque Selection: Switchable among three ranges (low, medium, and high)
Mounting: Handheld, pistol grip, finger hook, and special fixture mounts
Orientation: No physical restrictions
Alarm: LED indicator located at the rear and top of the case
Cable Connector: 16-pin LEMO
Size (L x diameter): 152 mm x 43 mm (6 in. x 1.7 in.)
Weight: 0.45 kg (1 lb)
Part Number: 9744668