



FEATURES

- Speed ranges from 600 rpm to 3000 rpm
- Frequency ranges from 100 Hz to 6 MHz
- Connector types:
 - 4-pin LEMO®
 - 4-pin Fischer®
- Probe types:
 - Reflection differential
 - Absolute bridge
 - Absolute reflection
 - Differential bridge
 - Differential reflection
- PowerLink™ technology—automatic scanner recognition and setup of frequency, gain, and filters
- Red LED alarm indicators

Eddy Current Rotating Scanners

Olympus' extensive line of high performance eddy current scanners is available for use with Nortec eddy current flaw detectors. With a wide range of features consisting of speed ranges from 600 rpm to 3000 rpm, frequency ranges from 100 Hz to 6 MHz, multiple connector types, and multiple probe types, our scanners offer a full range of application solutions.

Some of the more common applications are: airframe hole inspection with or without fasteners, wheel bolt hole inspections, surface inspections, post production testing for cracks, tube plug testing, and low-frequency inspections through multiple aircraft skin layers.

| | Nortec® 19ell (rpm) | Nortec® 24 (rpm) | Nortec® 2000 S/D (rpm) | Workstation 210/215/220 (rpm) | Nortec® 500 (rpm) |
|----------|------------------------|---------------------|------------------------------|-------------------------------------|----------------------|
| MiniMite | 1200 | 1200 | 600 to 3000 | 600 to 3000 | 600 to 3000 |
| RA-2000 | 1200 | 1200 | 600 to 2400 | 600 to 2400 | 600 to 2400 |
| Spitfire | 1200 | 1200 | 600 to 3000 | 600 to 3000 | 600 to 3000 |

Eddy Current Rotating Scanners Specifications*

MINIMITE SCANNER



Speed Range: Variable, 600 rpm 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 Types: Reflection differential
Signal Coupling: Rotary transformer
Mounting: Handheld
Orientation: No physical restrictions
Alarm: Red 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 1.0 in. x 1.5 in.)
Weight: 0.113 kg (4 oz)
Part Number: 9744739 (LEMO)
9744738 (Fischer)

SPITFIRE 2000 SCANNER



Speed Range: Variable, 600 rpm to 3000 rpm
Speed Control: Instrument controlled
Frequency Range: 100 kHz to 6 MHz
Probe Connector: 4-pin Fischer® with "O" rings
Probe Types: Reflection differential
Signal Coupling: Rotary transformer
Stall Torque: 30 ozf-in. max. (0.2118 Nm 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
Alarms: Red LED indicator, located at the rear and top of the case
Cable Connector: 16-pin LEMO®
Size: 152 mm L x 43 mm diameter (6.0 in. L x 1.7 in. diameter)
Weight: 0.454 kg (1 lb)
Part Number: 9744668

RA-2000 SCANNER



Speed Range: Variable, 600 rpm to 2400 rpm
Speed Control: Instrument controlled
Frequency Range: 200 kHz to 6 MHz
Probe Connector: 4-pin LEMO®
Probe Types: Reflection differential
Signal Coupling: Rotary transformer
Mounting: Handheld
Orientation: No physical restrictions
Alarm: Red LED indicator, located at the rear and top of the case
Cable Connector: 16-pin LEMO
Size (L x W x H): 76 mm x 32 mm x 127 mm (3.0 in. x 1.25 in. x 5.0 in.)
Weight: 0.28 kg (10 oz)
Part Number: 9744704

OLYMPUS NDT INC. is ISO 9001 certified.

OLYMPUS®

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