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.

### 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

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<td>MiniMite</td>
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<td>600 to 3000</td>
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<td>RA-2000</td>
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<td>Spitfire</td>
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**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