

# OLYMPUS®

Your Vision, Our Future

ROTATING SCANNERS

## Eddy Current Scanners



### 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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