



Partner for Test & Measurement  
Equipment Services and Data Solutions

# Eddy Current Flaw Detectors Nondestructive Testing (NDT)

Olympus IMS

## Olympus Nortec 600

Pine Item #54789

### DESCRIPTION:

Olympus converges its latest advancements in high-performance digital circuitry and eddy current flaw detection into one compact and durable portable unit—the new NORTEC® 600. With its crisp and vivid 5.7 inch VGA display and true full-screen mode, the NORTEC 600 is capable of producing highly visible and contrasting eddy current signals in any lighting condition.

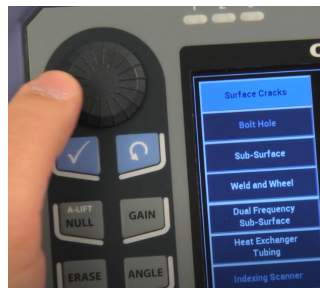
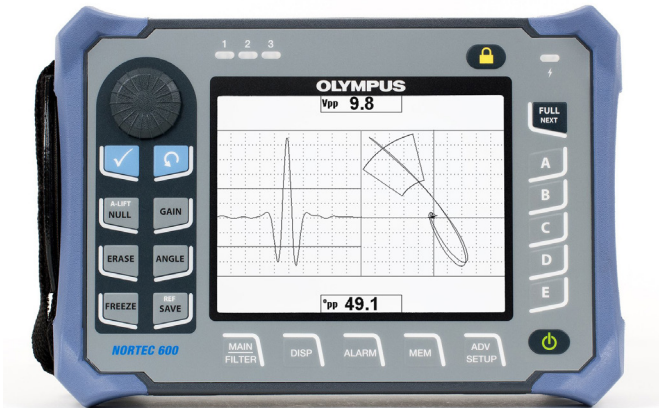
The redesigned interface of the NORTEC 600 borrows the intuitive, knob-operated navigation of its NORTEC predecessors and combines it with the simple menu structure and highly efficient direct-access keys of other popular Olympus instruments. Available in four versatile models, the NORTEC 600 offers a wide range of innovative functionalities, including an Application Selection menu, an all-in-one display, real-time readings, and signal calibration in Freeze mode, ensuring that inspections are quick and easy for any level of operator.

### FEATURES:

- Designed to meet the requirements of IP66.
- EN-15548 compliant.
- Long battery life (up to 10 hours).
- Bright, 5.7 inch (14,5 cm) VGA display.
- Full-screen option in any display mode.
- Improved filters for rotary scanner mode.
- Intuitive interface with Application Selection presets.
- All-settings configuration page.
- 10 Hz to 12 MHz frequency capacity.
- Automatic internal balancing (BNC connector).
- Up to two real-time readings.
- True automatic mixing.
- Storage capacity of up to 500 files (program and data).
- On-board file preview.

### APPLICATIONS:

- Tube testing
- Aerospace



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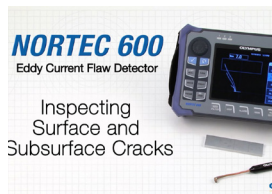
[www.pine-environmental.com](http://www.pine-environmental.com)

Canada

[www.pine-environmental.ca](http://www.pine-environmental.ca)

# Product Specifications

<b>Housing</b>	Overall dimensions (width × height × depth): 236 mm × 167 mm × 70 mm Weight: 1.7 kg including lithium-ion battery. Standards or directives:
<b>Environmental Conditions</b>	Operating temperature: 10 °C to 50 °C Storage temperature: 0°C to 50°C (with batteries) and -20°C to 70°C (without batteries). IP rating: D
<b>Battery</b>	Battery type: Single lithium-ion rechargeable battery or optional AA-size alkaline batteries (in 8-cell holder). Battery life: Up to 10 hour
<b>Display</b>	Display size: (W × H diagonal) 117.4 mm × 88.7 mm 146.3 mm Display type: Full VGA (640 × 480 pixels) color transfective LCD (liquid crys
<b>Connectivity and Memory</b>	PC software: NORTEC PC software included in base NORTEC 600 kit. NORTEC PC allows viewing saved files and printing reports. Data storage: 5
<b>Interface</b>	Languages: English Spanish French German Italian Japanese Chinese Russian Portuguese Polish Dutch Czech Hungarian Swedish and
<b>Eddy Current Specifications (all NORTEC models)</b>	Probe types: Absolute and differential in either bridge or reflection configuration. The instrument is fully compatible with NORTEC PowerLin
<b>Conductivity</b>	Frequency: 60 kHz or 480 kHz Digital conductivity specification: Digital conductivity display from 0.9% to 110% IACS or 0.5 to 64 MS/m. Accu
<b>Scanners</b>	Scanner compatibility: Operates Olympus scanners (MiniMite SpitFire RA-2000 and PS-5) and other major supplier scanners from 120 RPM to
<b>Dual Frequency</b>	Frequency adjustment (dual frequency mode): Two fully independent frequencies operating in simultaneous injection. MIX options: F1 - F2 F1



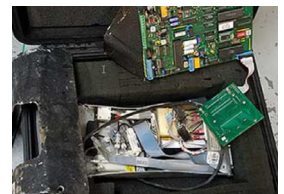
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan

**Video:**  
[https://youtu.be/l-zdl-VU9z\\_0](https://youtu.be/l-zdl-VU9z_0)