

*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.*



#### *Reliable and Robust*

*Based on an already field-proven instrument case, the NORTEC 600 is built for endurance in harsh field conditions. Its casing's durability and resistance to extreme weather makes the NORTEC 600 an instrument you can trust for any eddy current inspection job.*

#### *Portable and Lightweight*



The NORTEC 600 weighs only 1.6 kg and is delivered with a factory-installed hand strap that provides direct thumb access to the key controls, offering genuine handheld versatility to operators.

### Key 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.

### Versatility and Compatibility

#### Four Models for All Your Needs

The NORTEC® 600 is available in four versatile instrument models to meet the widest range of inspection needs. From the basic model upward, each unit unlocks more features. For maximum convenience, additional features can also be unlocked remotely.

<b>Supported feature or mode</b>	<b>N600 (basic)</b>	<b>N600C (conductivity)</b>	<b>N600S (scanner)</b>	<b>N600D (dual freq.)</b>
Signal calibration in Freeze	√	√	√	√

<i>mode</i>				
<i>Real-time readings</i>	√	√	√	√
<i>Application Selection</i>	√	√	√	√
<i>All-in-one display</i>	√	√	√	√
<i>PowerLink probe support</i>	√	√	√	√
<i>Conductivity and coating thickness measurement</i>		√*	√	√
<i>Rotary scanner</i>			√	√
<i>Dual frequency and mixing</i>				√

*\*One conductivity probe 9222340 [U8690027], standard 9522103 [U8880111] and calibration shims 0320806 [U8840160] included.*



*Two Probe Connectors*



*All models of the NORTEC 600 come with the standard LEMO 16-way universal connector, as well as a BNC connector for absolute probes. Simply select the connector in the instrument interface. When reading from the BNC connector, the instrument features automatic internal balancing for hassle-free operation.*

*The 16-way LEMO connector also supports the PowerLink NORTEC technology, which features automatic probe recognition and instrument presets for quicker setups.*

#### *Compatible with Current Procedures and Other Manufacturers*

*To simplify inspection, the NORTEC 600 includes all the legacy modes and layouts used in existing NORTEC-specified procedures, as well as those used by many other equipment manufacturers. Standard impedance plane view, sweep mode (strip chart), split screens, adjustable null point, crosshairs, improved filter response, reference signal display, and several other useful features are all part of the NORTEC 600 package.*

*Offering compatibility with many other probe and rotary scanner manufacturers, the NORTEC 600's accessories include cables and adaptors such as a 12-way LEMO, an 11-way Fischer, and more. The proper adaptor or scanner cable make it possible to benefit from all the outstanding capabilities of the NORTEC 600, without investing heavily in probes and accessories.*

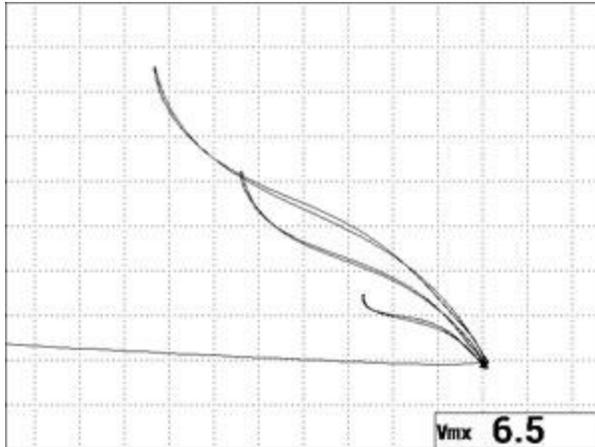
#### *One of the Most Brilliant Displays in the Industry*

##### *Vibrant VGA Display*

*The NORTEC® 600 has one of the most brilliant displays available on the portable eddy current flaw detector market. The unique brightness, resolution, and definition of its 5.7 inch VGA display makes it possible to interpret eddy current signals at a distance. The user-selectable color schemes ensure that the display is equally clear and easy-to-read whether you are using the NORTEC 600 indoors or outside.*



##### *True Full-Screen Display*



*In addition to impressive size and brightness, the NORTEC 600's VGA display also features a new full-screen mode that can be activated at the touch of a key.*

*Available for all applications and in all display modes, the full-screen mode really comes in handy when reading signals over an extended period of time.*

*Depending on your NORTEC 600 model, you can choose between the following displays:*

- *single impedance plane.*
- *dual impedance plane.*
- *sweep (strip chart).*
- *split screen (sweep + impedance).*
- *waterfall.*
- *dual impedance plane.*
- *all-in-one display featuring up to 3 configurable traces.*

### *Easy Integration of NORTEC 600*



*The NORTEC® 600 merges seamlessly into any integrated eddy current detection system. Its numerous software and hardware features ensure that the instrument is capable of performing*

*consistent flaw detection in industrial environments. The NORTEC 600 specifications and functionalities were designed with the integrator in mind.*

- *Designed to meet the requirements of IP66.*
- *-10°C to 50°C operating temperature range.*
- *Continuous null filter.*
- *Strip chart view with sweep alarm.*
- *6 kHz measurement rate.*
- *Remote Control from NORTEC PC.*
- *Alarm outputs.*
- *Analog outputs.*
- *Digital inputs.*