



EDDY CURRENT - COMPONENT TESTING SOLUTIONS

**ST-11 features:**

- Color Touchscreen and a simplified menu structure provides an intuitive operating experience
- TCP/IP and Discrete Industrial I/O works with material handling systems' PLC's for easy integration
- Eight frequency testing helps to detect multiple types of product reject conditions
- English, Spanish and Chinese language user interface
- "Set Up Assist" simplifies creation of test configurations and alarm limits using only OK production parts
- Rugged all aluminum modular enclosure with mounting flexibility
- No external fan minimizes dirt and oily air intrusion, extending unit life
- Reduce scrap/spills and warranty costs by testing 100% of the manufactured parts on your production line
- Manual operation capability for the desktop workstation test
- Works in tandem with standalone Criterion NDT sorting units
- Clean non destructive test method

# ST-11<sup>®</sup>

## STRUCTURE TEST INSTRUMENT

FIND MATERIAL DEFECTS DUE TO HEAT TREATMENT ISSUES OR MATERIAL MIX, AS WELL VERIFYING ALLOY, THREADS, FEATURES AND ASSEMBLIES



The Criterion NDT **ST-11** is a purpose built eight frequency test instrument which helps you verify post heat treatment material structure and case depth/patterns meet your manufactured product specifications.

The **ST-11** can also verify alloy and threads as well as check assemblies for missing components or incorrect components within and confirm presence of ID/OD component features at production line speeds.

Criterion NDT provides **free feasibility studies** to demonstrate the **ST-11** testing capability, showing you results using your actual production parts.

Feasibility testing ensures that we are recommending the right test solution before you commit to a purchase.

**SPECIFICATIONS**

Dimensions	8" x 13" x 16" (20 cm x 33 cm x 40 cm)
Weight	22.2 lbs. (10 Kg)
Frequency Range	5 Hz to 4 MHz
Probe Drive	0.1 to 20 Volts
Test Frequencies	8 maximum
Display Type	10.1 inch Color Touch Screen
Probe / Coil	1
USB Ports	3
AC Power	Universal
Alarms / Views	Ellipse, Channel Levels, PASS/FAIL

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For more information on the Criterion NDT **ST-11R** please give us a call or visit our website at [www.CriterionNDT.com](http://www.CriterionNDT.com)

