ST-11 Features:

- Touch Screen with simplified menu provides an intuitive operating experience.
- Set Up Assist supports a quick and easy way to automatically create new test configurations within minutes.
- Industrial I/O efficiently communicates with material handling systems’ PLC’s.
- Wide range of frequencies detect and sort improper heat treat conditions.
- Works seamlessly with Criterion NDT probes, coils and CSU sorting units.
- Static or Dynamic testing available for high speed production rates.
- Rugged all aluminum enclosure is designed for tough production environments.
- No external fan keeps dirt and oily air out.
- Clean non-destructive test method.
- Saves money by reducing scrap and warranty issues.

ST-11

MATERIAL STRUCTURE TEST INSTRUMENT

FIND MATERIAL STRUCTURE ISSUES INCLUDING IMPROPER HEAT TREATMENT, CASE DEPTH AND MATERIAL MIX

The multi-frequency ST-11 confirms product heat treatment and material structure at production line speeds, expediting the removal of suspect parts. This saves time and money by testing every part, minimizing scrap and warranty costs.

The ST-11 test instrument quickly detects improper heat treatment conditions such as short heat, no heat, case depth and quench issues in milliseconds! The ST-11 can be used to test a multitude of part types with simple to complex geometries; Fasteners, Gears, Bearings, Shafts, Axles and even Threaded holes and posts.

Unique System Alarms can be used to alert production personnel of unusual rejection events.

FREE FEASIBILITY STUDIES, using your actual production parts, assures successful results.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>8” tall x 13” wide x 16” deep 20 cm x 33 cm x 40 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>22.2 lbs. (10Kg)</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>5 Hz to 4 MHz</td>
</tr>
<tr>
<td>Probe Drive</td>
<td>0.1 to 20 Volts</td>
</tr>
<tr>
<td>Sample Rate</td>
<td>20K samples/second max</td>
</tr>
<tr>
<td>Display Type</td>
<td>10.1 inch Touch Screen</td>
</tr>
<tr>
<td>USB Ports</td>
<td>3</td>
</tr>
<tr>
<td>Universal AC Power</td>
<td>Yes</td>
</tr>
<tr>
<td>Adjustable Alarms</td>
<td>Ellipse, Hexagon</td>
</tr>
</tbody>
</table>

Criterion NDT, Inc.
Component Test Solutions
3702 West Valley Highway North, Suite 202
Auburn, WA 98001
+1 253-929-8800
info@criterionndt.com

For more information on the Criterion NDT ST-11 please give us a call or visit our website.

www.CriterionNDT.com