EDISON-SERIES

- Memory of 2000 Readings*
- Computer Connectivity *
- 0.01 mm (10 microns) Resolution **
- One Step Calibration

- Operates on Two AA Batteries
- Sealed Touch Key Pad
- Built-in Calibration Block
- EL back-light for indoor / dark areas (optional)

★ Available in EDISON-1M  ★★ Available in EDISON-1P

BEST VALUE FOR MONEY.
Technical Specification
EDISON-1 AND EDISON-1M

Applicable Materials: All homogeneous materials which allow transmission of Ultrasonic energy through it like most of metals, hard plastics, glass, ceramics etc.

Measuring Range: 1mm to 300mm (Specified range depends on test material, transducer, surface and temperature.)

Probe: Dual crystal (Transmitter Receiver) type.

Key Pad: Sealed tactile type.

Velocity: 1000 m/s to 9999 m/s.

Display: LCD type. It displays Thickness, Velocity, Battery check, Coupling check, and stored readings with IDs.

Resolution: 0.1 mm(0.01mm in EDISON-1P)

Accuracy: ± 0.1mm (up to 60mm) {with standard ± 0.5% (above 60 mm) probe DT 201}

V-path Correction: Built-in for better accuracy.

Calibration: One step calibration.(for steel).

Battery: 2 Penlite Dry Cells (AA) or NiCd.

Operating time: 18 to 20 hours.(with alkaline batteries).

Low Battery: Indication by Blinking of LCD.

Auto Power off: 3 minutes after switching on/last reading.

Size mm: 125(H) x 65(W) x 30(D).

Weight: 225 Grams (With batteries).

EDISON-1M

Memory: 2000 readings with 4 digits ID.

RS-232 Port: Available for connectivity to PC/Printer.

Unit: Imperial (Inches) or Metric (mm) selection available

PROBES

<table>
<thead>
<tr>
<th>PROBES</th>
<th>Frequency (MHz.) &amp; Crystal dia (mm)</th>
<th>TEST RANGE (IN STEEL)</th>
<th>ACCURACY</th>
<th>ALLOWABLE SURFACE TEMPERATURE</th>
<th>TYPICAL APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>FLAT SURFACE (mm)</td>
<td>CYLINDRICAL SURFACE (mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DT 201</td>
<td>5/10</td>
<td>2 - 200</td>
<td>2-200mm with OD 45mm And more</td>
<td>± 0.1 mm upto 60 mm, ± 0.5% above 60mm</td>
<td>0 to 70 Deg. C General purpose For Flat surface and Bigger dia.</td>
</tr>
<tr>
<td>DT 212</td>
<td>10/5</td>
<td>1 - 25</td>
<td>2-25 mm with OD 25mm and more</td>
<td>±0.1 mm</td>
<td>0 to 70 Deg. C For lower dia. Tubes and thin objects.</td>
</tr>
<tr>
<td>DT 203</td>
<td>2/20</td>
<td>5 - 300</td>
<td>5-300 with OD 100 mm and more</td>
<td>± 0.3 mm up to 50 mm, ± 1% above 50 mm</td>
<td>0 to 70 Deg. C For castings and Other coarse-grain material.</td>
</tr>
<tr>
<td>DT 201 (H)</td>
<td>5/10</td>
<td>4 - 50</td>
<td>5-10 with OD 100 mm And more</td>
<td>± 0.1 mm</td>
<td>0 to 150 Deg.C For elevated surface temperature</td>
</tr>
</tbody>
</table>

(Modifications rights reserved)

Manufactured and Marketed by:
MODSONIC INSTRUMENTS MFG. CO.(P) LTD.
Plot No.33, Phase III, GIDC Industrial Estate, Naroda, Ahmedabad 382330 INDIA.
Tel: +91 (079) 2281 1217, 2281 3131, 2284 1294 Fax: +91 (079) 2282 0012
Email: modsonic@modsonic.com Web site: www.modsonic.com

REPRESENTATIVES AT:
Bangalore, Bhopal, Chennai, Kolkata, Mumbai, Nagpur, New Delhi, Pune, Secunderabad.