The Rockwell 574 Testers are proven, durable, and reliable performers meeting a range of Rockwell testing applications. Available in Regular, Superficial or Twin Scale models, the 574 provides a rugged industrial design, an all-new, easy-to-use control panel, and a built-in USB for easy data transfer to Microsoft® Excel® or other applications. Designed with the best repeatability in its class, the 574 is an affordable, high-precision depth measurement system with proven performance.

**Durable & Accurate**
- Inline depth transducer for absolute accuracy
- Loading system out of stainless steel components
- Best in class GR&R performance

**Interface**
- USB port for data transfer
- Crisp, intuitive LCD display with test status, hardness values, statistics, and six languages

**Brake**
- Automatic minor load braking system

**Specimen Illumination**
- Specimen lighting with adjustable illumination levels

**Applications**
- Hardness from castings and forgings
- For flat and cylindrical work pieces
- Wide application within the automotive and aerospace industry
- Laboratory and workshop testing
- Sample testing or quality control testing
- Steels, non-ferrous metals
- Cemented carbide, ceramics, stainless steel
## Specifications

<table>
<thead>
<tr>
<th></th>
<th>574R Regular</th>
<th>574S Superficial</th>
<th>574T Twin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-load</td>
<td>10kgf</td>
<td>3kgf</td>
<td>3, 10kgf</td>
</tr>
<tr>
<td>Main-load</td>
<td>60, 100, 150kgf</td>
<td>15, 30, 45kgf</td>
<td>15, 30, 45, 60, 100, 150kgf</td>
</tr>
</tbody>
</table>

**Test load type**
- Calibrated Spring (Minor Load), Dead weight stack (Major load)

**Test cycle type**
- Motorized with automatic pre-load brake

**Vertical test capacity**
- 11.43in [289mm] *accessories may decrease available capacity*

**Horizontal test capacity**
- 6.93in [175mm] at the top, 6.13in [155mm] at the bottom

**Indenters (optional)**
- 120º Diamond cone, 1/16in, 1/8in, 1/4in, 1/2in Ball

**Data-out**
- USB and RS232

**Standards Compliant**
- ASTM E18, ASTM D785, ASTM B294, ISO 6508, JIS Z 2245, GB/T 230

**Power**
- 100 - 240VAC, 60/50Hz

**Accessories**
- **Standard**
  - 63 mm (2.5 in) flat anvil
  - 1.5875 mm (1/16 in) carbide ball indenter with four extra carbide balls
  - CD with operating instructions and CE certificates
  - Certificate of calibration
  - Power cord

- **Accessory options**
  - Indenters and blocks
  - Regular, Superficial, Twin Scale kits
  - Clamping Adapter
  - Wide range of anvils, fixtures, and test tables

For a complete listing of consumables, please refer to our Product Catalogue or contact your local Buehler Sales Engineer. Buehler continuously makes product improvements; therefore technical specifications are subject to change without notice.