Leica Sprinter levels
Technical data sheet

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>Sprinter 50</th>
<th>Sprinter 150</th>
<th>Sprinter 150M</th>
<th>Sprinter 250M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. No.</td>
<td>762628</td>
<td>762629</td>
<td>762630</td>
<td>762631</td>
</tr>
<tr>
<td>Height accuracies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>standard deviation height measurement per 1 km double run (ISO 17123-2)</td>
<td></td>
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</tr>
<tr>
<td>-Electronic measurement*</td>
<td>2.0 mm</td>
<td>1.5 mm</td>
<td>1.5 mm</td>
<td>1.0/0.7* mm</td>
</tr>
<tr>
<td>-Optical measurement</td>
<td>With standard aluminium E-scale/numeral staff: 2.5 mm</td>
<td></td>
<td></td>
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<tr>
<td>-Single staff reading</td>
<td></td>
<td></td>
<td>standard deviation: 0.6 mm (electronic) and 1.2 mm (optical) at 30 m</td>
<td></td>
</tr>
<tr>
<td>Distance accuracies</td>
<td></td>
<td></td>
<td>standard deviation distance measurement 10 mm for D ≤ 10 m and (distance in m x 0.001) for D &gt; 10 m</td>
<td></td>
</tr>
<tr>
<td>Range</td>
<td>2 – 100 m (electronic)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Measuring modes</td>
<td>single and tracking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time for single measurement</td>
<td>&lt; 3 sec</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compensator</td>
<td>magnet damped pendulum compensator (range +/- 10 min)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Telescope</td>
<td>magnification (optical) 24x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data storage</td>
<td>up to 2’000 points</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protection class</td>
<td>IP 55</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>AA dry cells (4 x LR6/AA/AM3 1.5 V)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>&lt; 2.5 kg</td>
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</tr>
</tbody>
</table>

* With Sprinter aluminium barcode staff, 0.7 mm can be achieved with Sprinter fibre glass barcode staff (3 m, 1 section)