This small and compact mini crane weigher scale will suit most lifting applications and is available in capacities from 100kg to 5t. Worldwide, it is Straightpoint’s most popular product and has been manufactured since 1987. The Miniweigher plus crane scale offers robust construction, high accuracy, compact size and extreme portability.

Utilised by utility companies on every continent, the Miniweigher plus crane scale is quite often mounted between a winch and a tripod. This mounting point allows for load monitoring to be integrated within the lift, ensuring safety levels during the lowering and raising of equipment and/or personnel are optimised. It has proven itself to be an indispensable tool for underground sewer, water, gas and utility vault access.

The Miniweigher plus features full function push button controls for tare, choice of units (lbs, kg, kN and tonnes), peak hold, preset tare, audible set-point alarm and an overload counter.

Straightpoint’s advanced microprocessor based electronics provide the Miniweigher plus with high speed read rates, extreme resistance to industrial level noise and unprecedented stability. This high stability allows 5,000+ divisions and the highest standard resolution of any compact digital crane scale on the market today. The unit also features a RS-485 serial output providing added functionality and versatility.

In all, the lightweight design, corrosion-resistant finish, advanced electronics and full feature display have made the Miniweigher plus crane scale the only choice when looking for a compact, safe and accurate, crane scale.

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**Features and benefits:**

- Large 25mm or 1” LCD Display
- High Accuracy
- Selectable Units (lbs, kN & kg)
- High Resolution
- Compact Size
- Tare
- Preset Tare
- Lightweight
- Overload Counter
- 90dB Audible Set Point Alarm
- RS-485 Serial Output
- Corrosion-Resistant Finish

Optional connection to Straightpoint’s Handheld plus (SU3343) or Straightpoint’s Desktop controller data logging software package (DCP10M).
### Part Numbers

<table>
<thead>
<tr>
<th>SP</th>
<th>MWP100KG</th>
<th>MWP250KG</th>
<th>MWPS500KG</th>
<th>MWP1T</th>
<th>MWP2T</th>
<th>MWP5T</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>100kg</td>
<td>250kg</td>
<td>500kg</td>
<td>1000kg</td>
<td>2200lb</td>
<td>11000lb</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>0.05kg</td>
<td>0.01kg</td>
<td>0.2kg</td>
<td>0.5kg</td>
<td>0.00fe</td>
<td>0.00fe</td>
</tr>
<tr>
<td><strong>Units</strong></td>
<td>1, kg, kN and lb</td>
<td>lb, t, kg and kN</td>
<td>t, kg and lb</td>
<td>1, kg, kN and lb</td>
<td>lb, t, kg and kN</td>
<td>t, kg and lb</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1.5kg</td>
<td>1.5kg</td>
<td>1.5kg</td>
<td>1.5kg</td>
<td>3 kg</td>
<td>8.7kg</td>
</tr>
<tr>
<td><strong>Safety Factor</strong></td>
<td>10:1</td>
<td>5:1</td>
<td>5:1</td>
<td>5:1</td>
<td>5:1</td>
<td>5:1</td>
</tr>
<tr>
<td><strong>Battery Type</strong></td>
<td>9v PP3</td>
<td>9v PP3</td>
<td>9v PP3</td>
<td>9v PP3</td>
<td>9v PP3</td>
<td>9v PP3</td>
</tr>
<tr>
<td><strong>Battery Life</strong></td>
<td>80 hours continuous</td>
<td>80 hours continuous</td>
<td>80 hours continuous</td>
<td>80 hours continuous</td>
<td>80 hours continuous</td>
<td>80 hours continuous</td>
</tr>
<tr>
<td><strong>Display Type</strong></td>
<td>6 digit 25mm LCD or 6 digit 1&quot; LCD</td>
<td>6 digit 25mm LCD or 6 digit 1&quot; LCD</td>
<td>6 digit 25mm LCD or 6 digit 1&quot; LCD</td>
<td>6 digit 25mm LCD or 6 digit 1&quot; LCD</td>
<td>6 digit 25mm LCD or 6 digit 1&quot; LCD</td>
<td>6 digit 25mm LCD or 6 digit 1&quot; LCD</td>
</tr>
<tr>
<td><strong>Operating Temp</strong></td>
<td>-10°C to +50°C or 14°F to 122°F</td>
<td>-10°C to +50°C or 14°F to 122°F</td>
<td>-10°C to +50°C or 14°F to 122°F</td>
<td>-10°C to +50°C or 14°F to 122°F</td>
<td>-10°C to +50°C or 14°F to 122°F</td>
<td>-10°C to +50°C or 14°F to 122°F</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>±0.1% of full scale</td>
<td>±0.1% of full scale</td>
<td>±0.1% of full scale</td>
<td>±0.1% of full scale</td>
<td>±0.1% of full scale</td>
<td>±0.1% of full scale</td>
</tr>
<tr>
<td><strong>Protection</strong></td>
<td>IP65 or NEMA4X</td>
<td>IP65 or NEMA4X</td>
<td>IP65 or NEMA4X</td>
<td>IP65 or NEMA4X</td>
<td>IP65 or NEMA4X</td>
<td>IP65 or NEMA4X</td>
</tr>
</tbody>
</table>

### Diagram

- **A**: Hook
- **B**: Hook Pivot
- **C**: Display
- **D**: Display Pivot
- **E**: Display Bracket
- **F**: Display Panel
- **G**: Battery Compartment

### Additional Information
- **MWP250KG**: 2789057
- **MWP500KG**: 2789058
- **MWP100KG**: 2789059
- **MWP1T**: 2789056
- **MWP2T**: 2789058
- **MWP5T**: 2789060