**Magellan® 8300**

**Performance, Quality and Value**

### Enhanced All-Weighs™ Platter

- Multiple interface solution supports all popular scanner/scale models.

### Mechanical Properties

#### Length

<table>
<thead>
<tr>
<th>Model</th>
<th>Scanner/Scale</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>8301</td>
<td>Short scanner</td>
<td>14.0” / 35.5 cm</td>
</tr>
<tr>
<td>8302</td>
<td>Medium scanner</td>
<td>15.8” / 399 cm</td>
</tr>
<tr>
<td>8303</td>
<td>Long scanner</td>
<td>20.0” / 508 cm</td>
</tr>
<tr>
<td>8304</td>
<td>Medium scanner/scale</td>
<td>15.8” / 399 cm</td>
</tr>
<tr>
<td>8305</td>
<td>Long scanner/scale</td>
<td>20.0” / 508 cm</td>
</tr>
</tbody>
</table>

#### Width: 1.5” / 29.2 cm

#### Depth (below counter): 4.0” / 10.0 cm

#### Height (above counter): 57” / 134 cm

### Scale Capacities

- **Capacity:** 30.0 lb / 15 kg
- **Minimum Increment:** 0.01 lb / 0.005 kg
- **Vibration Immunity:** 4 mm peak to peak
- **Maximum Static Weight:** 150 lb / 68 kg
- **Adjustments Required:** Calibration only

### Optical Properties

- **Scan Lines:** 52
- **Motor Speed:** 4,500 rpm
- **Scan Rate:** 3,000 lines/sec
- **Scan Zone:** 360°
- **Sides Read:** 5
- **Read Height:** 5.0” / 12.7 cm

### Environmental Properties

- **Temperature Rating:**
  - Operating: 50° to 104°F / 10° to 40°C
  - Storage: -40° to 158°F / -40° to 70°C
- **Humidity:** 5 to 95% NC

### Decoding Capability

The Magellan® 8300 autodiscriminates between the following supported symbologies:

- UPC Versions A & E
- UPC Supplementals (Bookland & Coupon Code)
- UPC Add-ons (sub 2, sub 5 & C2B)
- EAN 8, 13
- JAN 8, 13
- JAN/EAN two label
- UCC/EAN 128
- Code 39 (with full ASCII)
- Code 128
- Code 103
- Interleaved 2 of 5
- Italian Pharmacode
- Codabar WW
- MSI/Plessey
- GS1 DataBar™ (RSS)

### Electrical Properties

- **AC Power requirements:**
  - 100-250 VAC, 50-60 Hz
  - 7 Watts (nominal)
  - 8 Watts (maximum)
  - 4 Watts (sleep mode)

### Communications

- **Host:** IBM 46XX, RS-232, and FirstStrike
- **Scale host port:** Remote scale display port
- **EAS port:** Powered RS-232 auxiliary port

### Safety & Regulatory

- **Electrical:**
  - CSA-C22.2 No. 60950 (Canada)
  - EN 60950 (TÜV Europe)
  - PSE Mark (Japan)
  - UL 60950 (USA)
  - EN 55022-B (Europe)
  - CISPR 22-B, VCCI-B (Japan)

- **Laser Safety:**
  - Class Ila Laser Product
  - (CAUTION: Laser Light – do not stare into beam)
  - IEC 825 Class I, EN60 825 Class (Europe)

- **Restriction of Hazardous Substances:** Complies to EU RoHS

### Weights and Measures

- **Weights and measures:**
  - Argentina, Australia, Brazil, Canada, Mexico, New Zealand, USA (NIST Handbook 44)

### Contact Information

Contact your Datalogic Scanning representative for certification schedule and additional listings.

### Other

**EAS Compatibility:** Integrated EAS hardware will work with Counterpoint IV, V, VI, and VII models available from Checkpoint® Systems. Sensormatic® compatible.

**Good Read** acknowledgment with Sensormatic® and Checkpoint® Systems.