Visible Light Meter

Measures Visible Light in Foot-candles or Lux

The Visible Light Meter accurately measures visible light in either foot-candles or lux and includes a permanently affixed visible light sensor specially constructed to measure visible white light in the range of 400-760 nm for non-destructive testing.

The digital readout is adjustable with ranges of 20, 200, and 2000 foot-candles; or 200, 2000, and 20,000 Lux. Calibrated to +/- 5% accuracy, the Visible Light Meter meets NADCAP requirements.

Meets the requirements for all penetrant and magnetic particle inspections:

• Fluorescent inspections: Verification of ambient light, maximum 2 ft-candles / 20 lux
• Visible inspections: Verification of inspection light, minimum 100 ft-candles / 1,000 lux

FEATURES

• 400-760 nm range for ASTM E2297
• +/-5% accuracy for NADCAP requirements
• Accurately measures visible white light emission
• Adjustable digital readout ranges: 20, 200 & 2,000 ft-candles or 200, 2,000 & 20,000 lux

SPECIFICATIONS COMPLIANCE

• ASTM E2297
• ISO 3059

For use with systems conforming to:

• ASTM A275
• ASTM E165
• ASTM E709
• ASTM E1208 / E1209 / E1210 / E1219
• ASTM E1220 / E1418
• ASTM E1417
• ASTM E1444
• ASTM E3024
• ASME BPVC Section V
• ISO 3452
• ISO 9934
• ANSI / API 6A
• NADCAP AC7114/1
• NADCAP AC7114/2
## PRODUCT PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spectral Range</td>
<td>400 to 760 nm</td>
</tr>
<tr>
<td>Operation Range</td>
<td>Range selection 0 to 2,000 ft-candles / 0 to 20,000 lux</td>
</tr>
<tr>
<td>Accuracy</td>
<td>+/-5% of full scale or 0.5 ft-candles, whichever is greater</td>
</tr>
<tr>
<td>Sampling Time</td>
<td>1 Second</td>
</tr>
<tr>
<td>Sensor Cord Length</td>
<td>42 in / 107 cm</td>
</tr>
<tr>
<td>Power Supply</td>
<td>DC 9V Battery</td>
</tr>
<tr>
<td>Dimensions</td>
<td>5.7 x 2.9 x 1.4 in / 14.5 x 7.4 x 3.6 cm</td>
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<tr>
<td>Weight</td>
<td>0.4 lb / 0.2 kg</td>
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</tbody>
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## PART NUMBER

622338