Incorporating the latest in laser optical particle counting technology, Lighthouse designed the REMOTE 2010, 3010, and 5010 for continuous trouble-free operation.

With a sensitivity of 0.2, 0.3 and 0.5 micron, respectively, at a flow rate of 0.1 CFM (2.83 LPM), the REMOTE 2010, 3010, and 5010 provide continuous real-time data collection at a cost-effective price per point.

Using an external vacuum source, these compact particle counters provide versatile mounting options and can be installed where space is at a premium.

The REMOTE 2010, 3010, and 5010 integrate seamlessly into large facility monitoring and management systems and transfer up to 2 channels of simultaneous particle count data using Pulse Output.

Designed and built by Lighthouse - a name you can trust.

Lighthouse is an ISO 9001:2000 Registered Company
Specifications:

<table>
<thead>
<tr>
<th>CATGORY</th>
<th>2010</th>
<th>3010</th>
<th>5010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size Range:</td>
<td>0.2 - 2.0 μm</td>
<td>0.3 - 25μm</td>
<td>0.5 - 25.0 μm</td>
</tr>
<tr>
<td>Channel Sizes:</td>
<td>Standard: 0.2, 0.3 μm</td>
<td>Standard: 0.3, 0.5 μm</td>
<td>Standard: 0.5, 5.0 μm</td>
</tr>
<tr>
<td></td>
<td>Standard: 0.2, 0.5 μm</td>
<td>Standard: 0.3, 1.0 μm</td>
<td>Optional: 0.5, 10.0 μm</td>
</tr>
<tr>
<td></td>
<td>Standard: 0.3, 3.0 μm</td>
<td></td>
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</tr>
<tr>
<td>Counting Efficiency:</td>
<td>50% @ 0.2 μm; 100% for particles &gt; 0.3 μm (per JIS)</td>
<td>50% @ 0.3 μm; 100% for particles &gt; 0.45 μm (per JIS)</td>
<td>50% @ 0.5 μm; 100% for particles &gt; 0.75 μm (per JIS)</td>
</tr>
</tbody>
</table>

Additional channel sizes are available - please contact your Lighthouse Sales Engineer for information regarding these options.

Flow Rate: 0.1 CFM (2.83 LPM)
Laser Source: Laser Diode
Zero Count Level: <1 count / 5 minutes (per JIS)
Concentration Limits: 2,000,000 Particles / ft³ @ 5% Coincidence Loss
Calibration: NIST Traceable
Vacuum Requirements: External Vacuum >18” (45.72 cm) of Hg
Communication Modes: Pulse Output
LED Indicators: Power, Service
Supporting Software: Lighthouse Monitoring System
Connector: RJ45 (Data)
Enclosure: Stainless Steel
Power: 24 VDC
Dimensions: 1.7”(l) x 4.2”(w) x 2.5”(h) [4.3 x 10.7 x 6.3 cm]
Weight: 0.78 lb (0.35 kg)

Environmental Conditions:
Operating: 50°F to 104°F (10°C to 40°C) / 20% to 95% non-condensing
Storage: 14°F to 122°F (-10°C to 50°C) / Up to 98% non-condensing

Accessories:
Included: Operating Manual on CD
Optional: Printed Operating Manual; Isokinetic Sampling Probes; Vacuum Tubing; Sample Tubing; Cabling; Purge Filter; REMOTE Mounting Bracket.

Manufactured by:
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510 438 0500 (Outside of USA)

Distributed by:

Lighthouse Worldwide Solutions reserves the right to change specifications without notice.
LWS PN 545401623-1 Rev 2