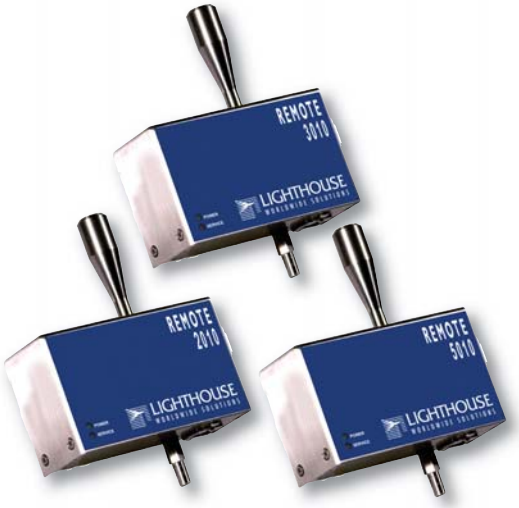
LIGHTHOUSE
WORLDWIDE SOLUTIONS



REMOTE 2010, 3010, 5010

AIRBORNE PARTICLE COUNTERS

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

www.golighthouse.com

Features:

- REMOTE 2010: 0.2 - 2 µm
- REMOTE 3010: 0.3 - 25 µm
- REMOTE 5010: 0.5 - 25 µm
- 0.1 CFM (2.83 LPM) Flow Rate
- 2 Channels of Simultaneous Data
- All Models Meet JIS Standards
- Compact Size
- Stainless Steel Enclosure
- Status Indicators
- Pulse Output
- Facility Monitoring Systems Interface
- Versatile Mounting Options
- External Vacuum Source
- Designed for Reliability

Benefits:

- 2 Year Warranty
- Install in Limited Space
- Cost Effective Price per Point
- Proven Data Integrity
- Proven Reliability
- Continuous Real-Time Data
- Easy System Integration
- International Support
- Low Cost of Ownership

Online Monitoring

Direct Mount Isokinetic Probe

RJ45 Connector

Status LEDs

Stainless Steel Enclosure

Barbed Vacuum Connector

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Specifications:

	2010	3010	5010
Size Range:	0.2 - 2.0 µm	0.3 - 25µm	0.5 - 25.0 µm
Channel Sizes:	Standard: 0.2, 0.3 µm Standard: 0.2, 0.5 µm	Standard: 0.3, 0.5 µm Standard: 0.3, 1.0 µm Standard: 0.3, 3.0 µm	Standard: 0.5, 5.0 µm Optional: 0.5, 10.0 µm
Counting Efficiency:	50% @ 0.2 µm; 100% for particles > 0.3 µm (per JIS)	50% @ 0.3 µm; 100% for particles > 0.45 µm (per JIS)	50% @ 0.5 µm; 100% for particles > 0.75 µm (per JIS)

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 / ft^3 @ 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)

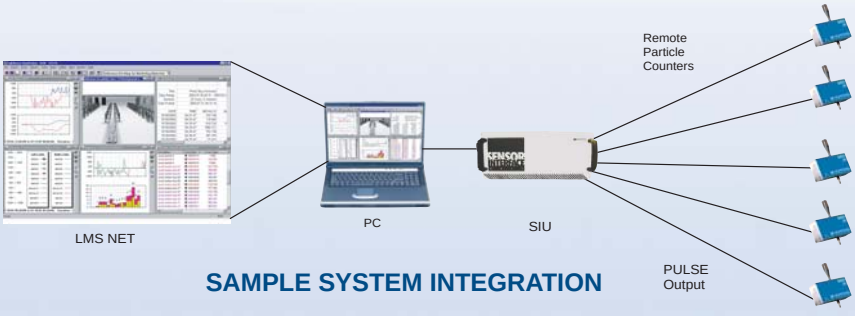
Environmental Conditions:

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.



SAMPLE SYSTEM INTEGRATION

Manufactured by:

LIGHTHOUSE
WORLDWIDE SOLUTIONS

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info@golighthouse.com

Tel: 800 945 5905
510 438 0500 (Outside of USA)

CE

Distributed by:

Lighthouse Worldwide Solutions reserves the right to change specifications without notice.

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