

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 μ m
- ★ REMOTE 3010: 0.3 - 25 μ m
- ★ REMOTE 5010: 0.5 - 25 μ m
- ★ 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



Specifications:

	2010	3010	5010
Size Range:	0.2 - 2.0 μm	0.3 - 25 μm	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)

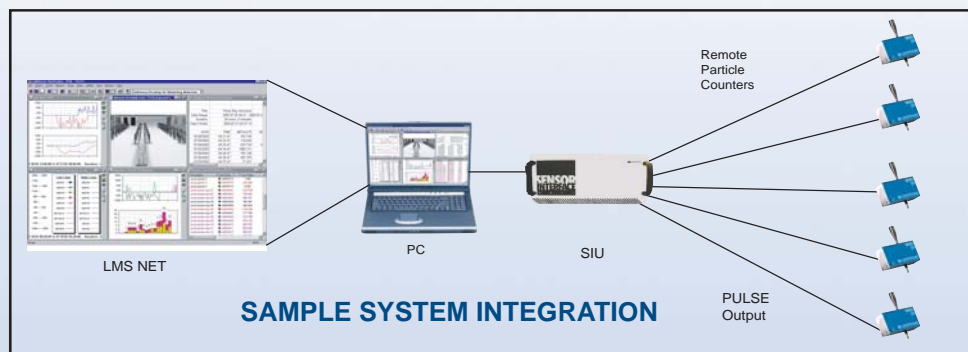
Environmental Conditions:

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.



Manufactured by:



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Accredited Laboratory