



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

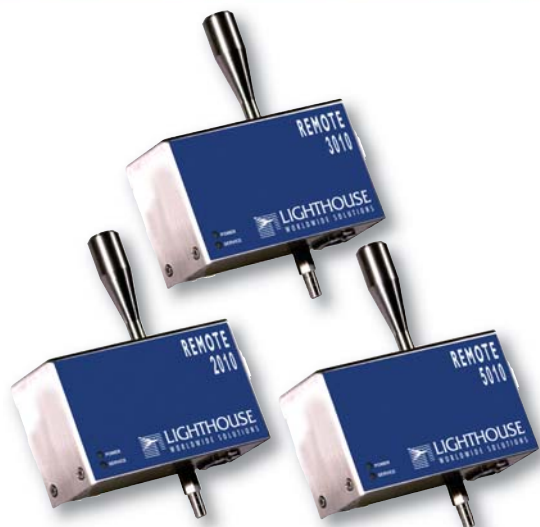
### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)



## 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](http://www.golighthouse.com)

### Features:

- ★ REMOTE 2010: 0.2 - 2  $\mu\text{m}$
- ★ REMOTE 3010: 0.3 - 25  $\mu\text{m}$
- ★ REMOTE 5010: 0.5 - 25  $\mu\text{m}$
- ★ 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
<b>Size Range:</b>	0.2 - 2.0 $\mu\text{m}$	0.3 - 25 $\mu\text{m}$	0.5 - 25.0 $\mu\text{m}$
<b>Channel Sizes:</b>	Standard: 0.2, 0.3 $\mu\text{m}$ Standard: 0.2, 0.5 $\mu\text{m}$	Standard: 0.3, 0.5 $\mu\text{m}$ Standard: 0.3, 1.0 $\mu\text{m}$ Standard: 0.3, 3.0 $\mu\text{m}$	Standard: 0.5, 5.0 $\mu\text{m}$ Optional: 0.5, 10.0 $\mu\text{m}$
<b>Counting Efficiency:</b>	50% @ 0.2 $\mu\text{m}$ ; 100% for particles > 0.3 $\mu\text{m}$ (per JIS)	50% @ 0.3 $\mu\text{m}$ ; 100% for particles > 0.45 $\mu\text{m}$ (per JIS)	50% @ 0.5 $\mu\text{m}$ ; 100% for particles > 0.75 $\mu\text{m}$ (per JIS)

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

<b>Flow Rate:</b>	0.1 CFM (2.83 LPM)
<b>Laser Source:</b>	Laser Diode
<b>Zero Count Level:</b>	<1 count / 5 minutes (per JIS)
<b>Concentration Limits:</b>	2,000,000 Particles / ft <sup>3</sup> @ 5% Coincidence Loss
<b>Calibration:</b>	NIST Traceable
<b>Vacuum Requirements:</b>	External Vacuum >18" (45.72 cm) of Hg
<b>Communication Modes:</b>	Pulse Output
<b>LED Indicators:</b>	Power, Service
<b>Supporting Software:</b>	Lighthouse Monitoring System
<b>Connector:</b>	RJ45 (Data)
<b>Enclosure:</b>	Stainless Steel
<b>Power:</b>	24 VDC
<b>Dimensions:</b>	1.7"(l) x 4.2"(w) x 2.5"(h) [4.3 x 10.7 x 6.3 cm]
<b>Weight:</b>	0.78 lb (0.35 kg)

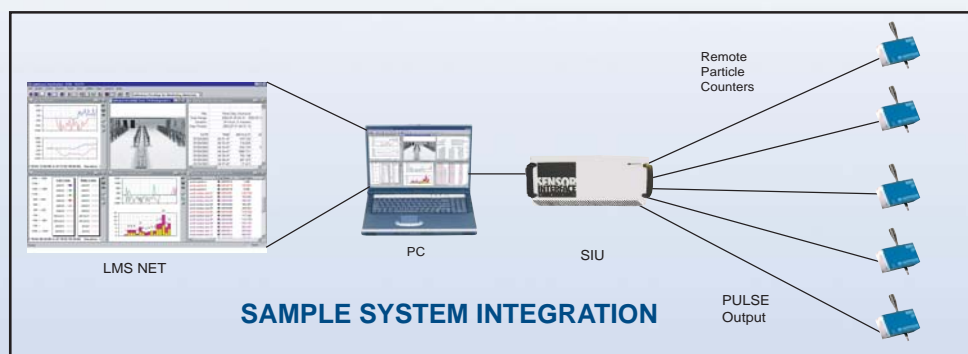
## Environmental Conditions:

**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.



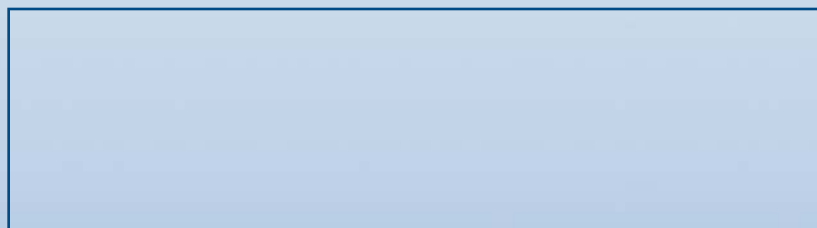
## Manufactured by:



www.golighthouse.com  
info@golighthouse.com



## Distributed by:



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



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