



HANDHELD 3013 PARTICLE COUNTER

Using an ergonomic and lightweight design, the **HANDHELD 3013** is Lighthouse's newest handheld particle counter and is ideal for use in Indoor Air Quality investigations.

Offering 3 channels of simultaneous particle counting, the **HANDHELD 3013** displays both cumulative and differential particle count data on its easy to read 3.8" (9.65 cm) screen. A rechargeable battery maximizes the **HANDHELD**'s uptime. Data is easily downloaded using the Lighthouse Data Transfer Software.

The **HANDHELD 3013** will monitor particulate levels accurately and reliably, even in those "hard-to-reach" areas where two-handed operation is unsafe.

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

Lighthouse is an ISO 9001:2000 Registered company.

www.golighthouse.com

Features:

- ★ 0.3 - 25 µm Size Range
- ★ 0.1 CFM (2.83 LPM) Flow Rate
- ★ View 3 Particle Sizes Simultaneously
- ★ Built-in Tilt Stand
- ★ Tripod Mount
- ★ 128 x 64 OLED Screen
- ★ Rechargeable Li-Ion Battery
- ★ Large 1,000 sample Data Storage Memory
- ★ 100 Location Labels
- ★ Concentration Limit - 4,000,000/ft³
- ★ 50% Counting Efficiency (per JIS)
- ★ USB Interface
- ★ Easily Configurable Interface with Zoom Capability
- ★ On Screen Data Buffer Viewing
- ★ Easy One-handed Sampling
- ★ Internal Audible Alarm
- ★ Ergonomically Designed
- ★ Lightweight - Only 1.5 lbs.
- ★ Data Easily Downloaded to Computer
- ★ Compact and Easy to Handle

Benefits:

- ★ 2 Year Warranty
- ★ User Friendly Interface
- ★ International Support
- ★ Low Cost of Ownership

For the latest Indoor
Air Quality News, Visit
www.IAQTimes.com.



HH3013	
Size Range:	0.3 - 25.0µm
Channel Sizes:	Standard: 0.3, 1.0, 5.0µm Optional: (specify at time of order) 0.3, 0.5, 0.7, 1.0, 2.5, 5.0, 10.0, 25.0µm
Counting Efficiency:	50% @ 0.3µm, 100% for particles >0.45µm (per JIS)

Flow Rate:	0.1 CFM (2.83 LPM)
Laser Source:	Laser Diode
Zero Count Level:	<1 count / 5 minutes (per JIS)
Concentration Limits:	4,000,000 particles / ft ³ @ 5% coincidence loss
Calibration:	NIST Traceable
Sample Output:	Internally filtered to HEPA standards (>99.997% @ 0.3µm)
Vacuum Source:	Internal Twin Diaphragm Pump
Air Flow:	Internally Monitored and Controlled
Communication:	USB Output port
Count Modes:	Auto, Manual, Concentration-Differential / Cumulative
Supporting Software:	LMS XChange; LMS Express
Enclosure:	ABS Plastic (non-ESD Safe)
Power:	Internal non-removable Lithium Ion Battery
Battery Life	8+ Hours Continuous Use
Dimensions:	4.2" (w) x 6.5" (h) x 1.9" (d) [10.5 x 16.5 x 4.8 cm]
Weight:	1.5 lbs (0.68 kg)

Environmental Conditions:

Operating: 50°F to 104°F (10°C to 40°C), Humidity 20% to 95% non-condensing
Storage: 14°F to 122°F (-10°C to 50°C), Humidity up to 98% non-condensing

Accessories:

Included: LMS XChange Data Transfer Software; Operating Manual on CD; Battery Charger Kit; Hard Carrying Case

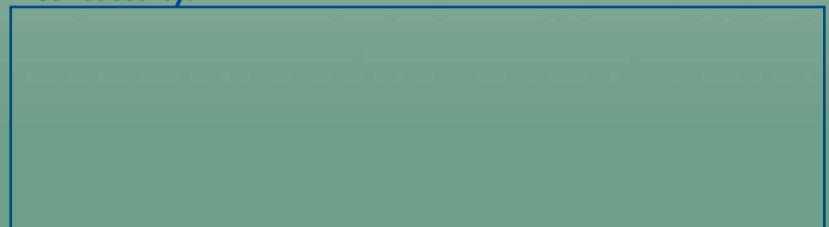
Optional: Printed Operating Manual; Protective Boot; Belt-mounted Holster

Manufactured by:

 **LIGHTHOUSE**
WORLDWIDE SOLUTIONS
www.golighthouse.com
info@golighthouse.com



Distributed by:



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