



LIGHTHOUSE
WORLDWIDE SOLUTIONS
Technology That Counts!



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 where a smaller lightweight handheld counter is needed.

Offering 3 channels of simultaneous particle counting, the **HANDHELD 3013** displays both cumulative and differential particle count data on its easy to read 2.7" (6.8 cm), 128x64 OLED screen. Its rechargeable battery allows up to eight hours of continual operation. Easily download data via its USB port using the Lighthouse Data Transfer Software, **LMS XChange**.

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 - 10 μm Size Range
- ★ 0.1 CFM (2.83 LPM) Flow Rate
- ★ View 3 Particle Sizes Simultaneously
- ★ Meets JIS B 9921 and ISO 21501-4 Standards
- ★ Built-in Tilt Stand
- ★ Real Time Data Display
- ★ 128 x 64 OLED Screen
- ★ Rechargeable Li-Ion Battery
- ★ Large 1,000 sample Data Storage Memory
- ★ 100 Location Labels
- ★ Choose from English, French, German, Italian or Spanish for Display Language
- ★ 50% Counting Efficiency per ISO 21501-4
- ★ USB Interface
- ★ Data Easily Downloaded to a Computer
- ★ Easy Interface Configuration
- ★ On Screen Data Buffer Viewing
- ★ Internal Audible Alarm
- ★ Easy One-handed Sampling
- ★ Ergonomically Designed
- ★ Lightweight - Only 1.5 lbs.
- ★ Compact and Easy to Handle

Benefits:

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

Applications:

- ★ ISO Cleanroom Certification
- ★ Filter Testing
- ★ Indoor Air Quality Investigations
- ★ Locate Contamination Sources
- ★ Process Verification, Validation
- ★ Quality Assurance
- ★ Portable Particle Measurements



	HH3013
Size Range:	0.3 - 10.0µm
Channel Sizes:	Standard: 0.3, 0.5, 5.0µm Optional: (specify at time of order) 0.3, 0.5, 0.7, 1.0, 2.5, 5.0, 10.0µm
Counting Efficiency:	50% @ 0.3µm, 100% for particles >0.45µm (per JIS B 9921, ISO 21501-4)

Flow Rate:	0.1 CFM (2.83 LPM)
Light Source:	Laser Diode
Zero Count Level:	<1 count / 5 minutes (per JIS B 9921)
Concentration Limits:	4,000,000 particles / ft ³ @ 5% coincidence loss
Calibration:	NIST Traceable, ISO 21501-4 Compliant
Vacuum Source:	Internal Twin Diaphragm Pump
Display Language:	US English, French, German, Italian, Spanish
Communication:	USB Output port
Count Modes:	Automatic, Beep, Concentration
Supporting Software:	<i>LMS XChange; LMS Express</i>
Enclosure:	Molded ABS
Power:	Internal Lithium Ion Battery
Recharge Time:	Less than 2 hours to fully charge
Battery Life	Up to 8 Hours of Continual 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; USB Interface Cable; AC Adapter; Purge Filter; Hard Carrying Case

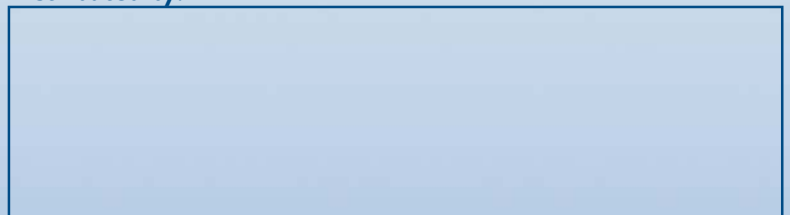
Optional: *LMS Express Software*; Printed Operating Manual; Protective Boot; Belt-mounted Holster

Manufactured by:

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