



The 3013 is a handheld particle counter 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 OLED screen.

Its rechargeable battery allows up to eight hours of continual operation. Easily download data via its USB port using the 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.

Features:

- 0.3 - 10 μm Size Range
- 0.1 CFM (2.83 LPM)
- Flow Rate
- View 3 Particle Sizes Simultaneously
- 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 Conjunction
- On Screen Data Buffer Viewing
- Internal Audible Alarm
- Easy One-handed Sampling
- Ergonomically Designed
- Lightweight - Only 1.5 lbs.
- Compact and Easy to Handle



Applications:

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

Standards:

- 21501-4
- JIS B 9921



Specifications:

Size Range	0.3 – 10.0µm
Channel Size	Standard: 0.3, 0.5, 5.0µm
Counting Efficiency	50% @ 0.3µm; 100% for particles > 0.45 µm (per JIS B 9921, ISO 21501-4)
Flow Rate	0.1 CFM (2.83 LPM)
Laser Source	Laser Diode
Zero Count Level	< 1 count / 5 minutes (per JIS B 9921)
Concentration Limits	4,000,000 particles/ft @ 5% coincidence loss
Calibration	NIST traceable, ISO 21501-4 compliant
Data Storage	1,000 Samples
Communication Modes	USB output port
Supporting Software	LMS XChange
Sample Inlet	Isokinetic Sampling Probe
Vacuum Source	Internal twin diaphragm pump
Enclosure	Moulded ABS
Power	Internal Lithium Ion Battery
Battery	Li-Ion, internal & rechargeable
Dimensions	4.2" (W) x 6.5" (H) x 1.9" (D); (10.5 x 16.5 x 4.8cm)
Weight	1.5 lbs (0.68 kg)
Languages	English (U.S.), Deutsch, Espanol, Italiano, Francois, Russian, Japanese, Korean



Relative Equipment

- Model 5016
- Colour Touch Screen Display
- 0.5 - 25.0µm