

**Product Name :**  
Handheld particle counter

**Product Code :**  
ELE-0012



**Description :**

Handheld particle counter

**Technical Specification :**

handheld, ergonomically designed and lightweight. The airborne particles in six different size ranges simultaneously. Count data is displayed on screen (320 x 240 pixels, high resolution) as total number of particles (cumulative count). Data can be easily downloaded to computer, or print out by an optional printer. Now it is easy to carry a particle counter right to the point of interest and obtain accurate results-results you can immediately print or store to computer. The large LCD display lets you see

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the data easily and err-free.

**Features:**

1. 0.1 CFM(2.83 LPM) flow rate
2. Six Particle-Size Channels(0.3,0.5,1.0,2.0,3.0,5.0um)
3. 320 x 240 pixels LCD display
4. Rechargeable Li-ion Battery
5. Internal Audible Alaram
6. 95% UCL Calculation
7. Large Memory for Storing data(1000 samples)
8. Data Easily Loaded to Computer
9. Lightweight(0.6kg)

**Technical Specification:**

**Channel Thresholds :** 6 channels: 0.3,0.5,1.0,3.0,5.0um

**Flow Rate :** 0.1ft<sup>3</sup>/min(2.83L/min)

**Light Source :** Laser Diode

**Calibration Particles :** SIMT Certification

**Max. Concentration :** 2,000,000/ft<sup>3</sup>

**Zero Count :** <1 per 5 min

**Counting Efficiency :** 50% @0.3um,100% @0.5um

**Communication Modes :** RS232 via DB9

**Communication Protocol :** 9600bps baud Rate

**User interface & Display :** 320 x 240 Pixels high resolution LCD

**Data Display modes :** Count, Count/ m<sup>3</sup>,Counts/ ft<sup>3</sup>

**Sampling modes :** Manual repeated, Auto for UCL calculation(calculation for all 6 channels)

**ISO Certification :** ISO 5-8 @0.5 and5.0um

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**Error Messages(Real time)** : Exceeds alarm limits, battery status indication

**External Software** : Easy upload to PC

**Data Storage** : 1000 samples

**Data Security** : Cannot Edit Stored Data, Cannot delete individual records

**External Surface** : ABS(plastic resin)

**Dimensions(w,h,d)** : 23 x 13 x 4.5(cm)

**Weight** : 0.6kg

**Power** : AC Adapter:100240 VAC; 50/60Hz

**Batteries** : 3.7V Li-on Rechargeable battery, 4800mAH

**Operating time on Battery** : More than 5 hr for sampling

**Battery Recharging** : External charger

**Operating Temperature** : 10-35Â°C

**Operating Humidity** : 0.85%

## Civil Mechanical India

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