

**Product Name :**  
Airborne particle counter

**Product Code :**  
ELE-0010



**Description :**

Airborne particle counter

**Technical Specification :**

**Functions:**

1. Eight particle-size channels (0.3, 0.5, 0.7, 1.0, 2.0, 5.0, 7.0, 10 $\mu$ m) 9-digit LED display (7 digitals for data display)
2. Count data is displayed as cumulative or differential count for each particle-size channel

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3. Temperature and humidity display (optional)

4. RS-232 communication interface

5. Date and clock display

6. 95%UCL calculation

7. Built-in printer, multi-print mode

8. Data storage 200 samples

**Specifications:**

1. **Maximum particle concentration** : 35,000/L

2. **Sensitivity** : 0.3 $\mu$ m

3. **Sample flow rate** : 1.0cfm

4. **Sample period** : 1 minute to 10 minutes

5. **Sample times** : 1 to 10 times

6. **Purge time** : <20min

7. **Measure mode** : manual or auto

a) **Manual mode** : measurement starts and stops manually, particle counter display

or printout data without storage

b) **Auto mode** : measurement starts manually and then particle counter operate

in accordance with the parameters you have set; data will be stored and calculate.

8. **Print mode** : all mode or 209E mode

a) **All mode** : particle counter print the original data

b) **95% UCL mode** : particle counter print the data calculated

9. **Dimension** : 340 x 140 x 370mm

10. **Weight** : 10kg

11. **Power supply** : AC 220V, 50Hz $\pm$ 5%

12. **Power rating** : 40W

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## Civil Mechanical India

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