

Product Name :
Astra Scientific Handheld Particle Counter

Product Code :
ASTENVIOR-0012



Description :

Astra Scientific 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 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 Alarm
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 : 0.1ft³/DLABn(2.83L/DLABn)

Light Source : Laser Diode

Calibration Particles : SIMT Certification

Max. Concentration : 2,000,000/ft³

Zero Count : <1 per 5 DLABn

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/ m³,Counts/ ft³

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

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

Error Messages(Real time) : Exceeds alarm liDLABts, 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 HuDLABdity : 0.85%



Astra Scientific

www.astrascientific.com, **Email:** info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265