

MiniBio

Bio-aerosol Detection Module



Product Description

This bioaerosol monitoring technology, developed for military and anti-terrorism applications, is capable of real-time monitoring of allergenic and pathogenic aerosols, as well as PM2.5 and PM10 concentrations. It is designed in accordance with national metrology regulations, including JJF1659-2017, JJF1190-2008, and GB/T29024.4-2017, ensuring compliance with industry standards.

The device has undergone rigorous calibration by the China National Institute of Metrology, with calibration certificates HJkl2024-00275 and HJkl2024-00945, guaranteeing its accuracy and reliability in detecting airborne threats.

Performance Parameters

1. Detectable particle types: PM2.5 , PM10 , pollen, spores, bacteria and other aerosols
2. Particle detection range: 0.5 μ m ~ 30 μ m
3. Particle concentration range: 0 ~ 1000 μ g/ m³
4. Number of particle size channels: no less than 3 channels
5. Dimensions and weight: 32 × 80 × 65mm , \leq 240g

