

BMM30

Bioaerosol Monitoring & Alarm Module



Product Description

BMM30 bioaerosol monitoring and alarm module is a bioaerosol particle alarm module that measures the concentration and variation of biological particles in the ambient air in real-time. Once a rapid increase in the concentration of suspected bioaerosol particles in the air is detected, exceeding the preset baseline value, the instrument will trigger an alarm. Additionally, it can automatically activate HT-Nova's BC500 bioaerosol sampler (not included, separate order required) to collect samples for further analysis, allowing the determination of the properties of the suspected bioaerosol particles.

Performance Parameters

1. Detection Range: Bacteria, fungi, spores, viruses, etc.
2. Particle Detection Range: 0.5 μ m to 10 μ m
3. Alarm Sensitivity: 50 ACPLA
4. Alarm Response Time: < 30s
5. Power Supply: DC12V/1A
6. Communication: RS232/TTL serial port external communication/software debugging
7. Dimensions and Weight: $\leq 170 \times 115 \times 110$ mm, ≤ 3 kg

