BR-HOL   Professional Handheld Air Detector

BR-HOL series handheld air detector is a high-precision air quality testing instrument which jointly developed by BLATN and Meteorological Monitoring Center of China Meteorological Administration.

Its predecessor is dust-free testing equipment in operating room of field hospital. To accurately detect PM1.0, PM2.5, PM10, formaldehyde, ozone, negative ions, ionizing radiation, carbon dioxide, temperature and humidity data.

Combined the Fourier Exchange, Particle Swarm Optimization Algorithm and empirical data, to bring out an exclusive patented POS-VTM algorithm, and acquired the authorized comparison report from Institute of atmospheric composition. The core technology of BR-Hol series air detector, has won a number of science and technology awards.

Product Features

1. High-throughput three-channel sample gas collection system
2. High-precision laser sensor, identify PM1.0, PM2.5, PM10 particles
3. Original POS-VTM particle swarm optimization algorithm, accurate capture of PM2.5 particles
4. Cooperative developed with China Meterological Administration , professional algorithms, comparable to expensive imported equipment

5. Ultra-precision electrochemical formaldehyde sensor, accurate capture of formaldehyde molecules
6. Imported high-precision digital temperature and humidity sensor, adopting CMOSens® technology
7. Super-solid aluminum aviation alloy shell, EMC anti-interference, multi-effect surface treatment
8. 2.8 inch large screen, high-definition optical angle, data clear at a glance
9. Professional-grade instrument case, indestructible, showing professional quality
10. Dimensions: 200*120*50mm   Weight: 650g

Product Model

Model	PM1.0	PM2.5	PM10	Temperature	Humidity
BR-HOL-1209	●	●	●	●	●

Model	PM1.0	PM2.5	PM10	Temperature	Humidity	Formaldehyde
BR-HOL-1210	●	●	●	●	●	●

Model	PM1.0	PM2.5	PM10	Temperature	Humidity	CO2
BR-HOL-1216	●	●	●	●	●	●