BRAMC BR-SMART-128SE 5-in-1 Air Quality Monitor
PM2.5 / PM10 / Formaldehyde / CO2 / VOCs

SKU: BRSMART128SE
Manufacture warranty period: 12 months
Country of Origin: China

Product overview:

BR-SMART-128s portable handheld 5-in-1 air quality monitor is a real-time air quality monitoring instrument used to detect PM2.5, PM10, carbon dioxide (CO2), formaldehyde (HCHO) concentration and VOCs in the indoor and outdoor environment. This product uses high-precision sensor chip and operation, will convert PM2.5, PM10, CO2, formaldehyde and VOCs concentration in the air into visual data, to monitor the air quality, provide effective protection for family health.

Scope of application:

Any indoor or outdoor environment, such as inside the house, office environment, vehicles or outdoor shelter.

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Product specifications:

- Display mode: 2.4" TFT colour screen
- **PM2.5 and PM10 measurement index:**
  - Measurement method: Light Scattering
  - Measuring range: 0 to 999μg /m³
  - Resolution: 1μg /m³
  - Accuracy: ± 10%
- **Carbon Dioxide (CO2) measurement index:**
  - Measurement method: NDIR
  - Measuring range: 0 to 5000ppm
  - Resolution: 1ppm
  - Accuracy: ± 45ppm+3% indication index
- **Formaldehyde (HCHO) measurement technology index:**
  - Measurement method: Electrochemical Sensor
  - Measuring range: 0 to 3.000mg /m³
  - Resolution: 0.001mg /m³
  - Accuracy: ± 10%
- **VOCs measurement technology index:**
  - Measurement method: Semiconductor Sensor
  - Measuring range: 0 to 9.999mg /m³
  - Resolution: 0.001mg/m³
  - Accuracy: ± 10%
- Battery power indicator
- Storage: 10,000 records
- Data record interval at every 1 minute
- Data record measure duration:
  - Continuous Mode
  - 10 mins mode
  - 15 mins mode
  - 20 mins mode
- Built-in Rechargeable Battery (2200AH)
- Power adapter:
  - Input voltage: AC220V, 50/60Hz, 0.45A
  - Rated output voltage: DC5 V
  - Rated output current: 500mA

Environment for use:

- Temperature range: 0 to 50 ℃
- Humidity range: 0 to 90%RH
- Pressure: 1 standard pressure

Product Dimension:

- 140 x 65 x 40mm
- Weight: 220g

Package included:

- Air quality monitoring unit
- 1x 128MB Micro SD Card
- Data/Charging cable
- User Guide

Product Dimension:

- 190 x 110 x 80mm
- Weight: 0.4 KG

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6 channel particle precision laser sensor

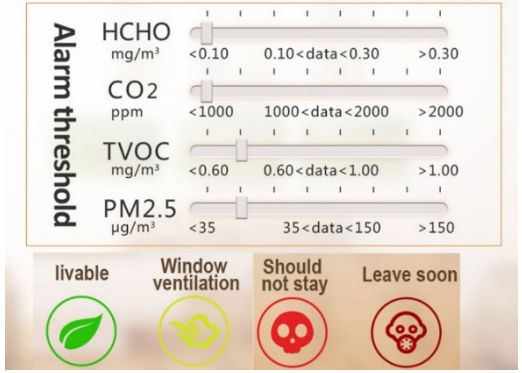
Built-in TF memory card

Record complete changes in pollution data

Large amounts of data can be imported into computers

Decoration hazard alarm

Hazard alarm do not guess, icon + frequency conversion buzzer hazard rating



Data in Excel format.

Date & Time	PM2.5 (μg/m3)	CO2 (ppm)	Formaldehyde (mg/m3)	VOCs (mg/m3)
18/10/2018 04:13 PM	11	0	0	0
18/10/2018 04:14 PM	10	0	0	0
18/10/2018 04:15 PM	10	1315	0	1.546
18/10/2018 04:16 PM	11	1250	0	1.424
18/10/2018 04:17 PM	11	1131	0	1.298
18/10/2018 04:18 PM	11	1110	0	1.277

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