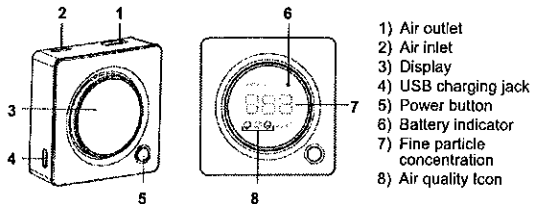


VT50A MANUAL




The Value+ Model VT50A (the equipment) is designed to help the users to monitor the fine particles concentration. With careful use, the equipment will provide years of reliable service.

THE EQUIPMENT



OPERATING THE EQUIPMENT

- 1) Hold down the power button for about 3 seconds to switch on the equipment
- 2) The equipment will be automatically detect the fine particular concentration
- 3) Observe the concentration on the display
- 4) For easy understanding, icons will also be appeared to indicate the air quality for easy understanding

Sign	Description
	PM _{2.5} concentration < 75 µg/m ³ which means that the air quality is good for health.
	PM _{2.5} concentration between 75 µg/m ³ to 150 µg/m ³ which means that the air is slightly polluted.
	PM _{2.5} concentration > 150 µg/m ³ which means that the air is seriously polluted.

- 5) If needed, press the power button twice to switch off the auto power off
- 6) After use, hold down the power button for about 3 seconds to switch off the equipment

⚠ WARNING

Never block the air inlet and outlet during operations.

AUTO POWER OFF

The equipment will automatically switch off if there is no function for 5 minutes or button is pressed. To switch off the auto power off function, press the power button twice.

SPECIFICATIONS

Temperature	Operating: 0°C ~ 40°C Storage: -10°C ~ 50°C
Relative Humidity	< 90%RH
Battery	3.7V Lithium Battery (450mAh)
Size	55 x 55 x 20 mm
Weight	65 g (include battery)

Functions	Range	Resolution	Accuracy
PM _{2.5}	0-100 µg/m ³	1 µg/m ³	±10 digit
	100-999 µg/m ³	1 µg/m ³	±10%
Response Time			3 seconds
Auto Power Off			5 minutes

MAINTENANCE

Charging

Please charge the equipment if the battery indicator turns red. To charge, connect USB transformer to the USB charging jack

Changing Battery

If charging is not effective, the rechargeable battery inside the equipment come to the end of life. The battery is needed to be replaced.

To replace the battery, switch off the equipment. Open the equipment. Replace the battery pack inside.



CAUTION

It is recommended to purchase the battery pack from our representative. Using battery pack from other sources may damage the equipment and warranty will be void immediately.

CLEANING



CAUTION

To avoid damaging the equipment, NEVER submerge them in water. DO NOT use abrasive cleaners, they will damage the case.

Wipe the case with a damp cloth and mild detergent. Do not use abrasives or solvents. Dirt or moisture in the jacks can affect the measurement.