

Tekneka AQM600 is an advanced high-precision air quality meter designed to accurately monitor indoor air conditions. Detecting a range of pollutants including HCHO (formaldehyde), C<sub>6</sub>H<sub>6</sub> (benzene), TVOC (organic volatile substances), CO<sub>2</sub> (carbon dioxide), PM2.5/10 (dust particles), as well as temperature and humidity levels, it offers real-time data display and adheres to industry standards for air quality analysis. With its tricolour light prompt (GREEN, YELLOW, & RED) system indicating air quality levels, real-time graph viewing for trend analysis, and audible beep alert for sudden changes, the AQM600 ensures users stay informed. With a data recording frequency of 1 group per minute and a maximum storage capacity of up to 5000 groups, it provides extensive data collection capabilities, serving as an invaluable tool for environmental governance and health maintenance, ultimately contributing to a healthier indoor environment and quality of life.

### Features

- Large true color 2.7-inch TFT LCD screen with all measurement values
- Monitors HCHO, C<sub>6</sub>H<sub>6</sub>, TVOC, CO<sub>2</sub>, PM2.5, PM10, temperature and humidity
- Graphical trends in real time, representing both individual and collective values
- Green, yellow, and red color prompts with a beeping alert system are audible.
- The GB50325-2022 and GB18883-2022 standards determine alarm thresholds.
- Recording start and end times are user-configurable.
- Simple menu selection and fast configuration changes
- Turn off the device's screen and light to conserve battery life.
- Long-lasting rechargeable battery with a maximum 4-hour runtime
- It is simple to move recorded data in the .txt format to a PC
- It shows date and time stamp in the recorded data



### Application

AQM600 essential tools utilized by a diverse range of professionals and individuals across various sectors, including environmental scientists, industrial hygienists, health and safety officers, HVAC technicians, building managers, researchers, homeowners, schools, offices, and businesses utilize air quality meters to ensure healthy indoor environments

### Package Includes

- User manual
- USB cable

### Ordering Info.

AQM600.....Environment Air Quality Tester

### Technical Specification

Description	Range	Accuracy
HCHO	0 ~ 3.00mg/m <sup>3</sup>	±(5% or 0.02mg/m <sup>3</sup> )
TVOC	0 ~ 5.00mg/m <sup>3</sup>	±20%
C <sub>6</sub> H <sub>6</sub>	0 ~ 3.00mg/m <sup>3</sup>	±(10% or 0.03mg/m <sup>3</sup> )
CO <sub>2</sub>	0 ~ 3000ppm	±5%
PM2.5	0 ~ 999µg/m <sup>3</sup>	±10%
PM10	0 ~ 999µg/m <sup>3</sup>	±10%
Temperature	-10 ~ 50°C	±2°C
Humidity	0 ~ 99%RH	±5%RH
Implemented Standard	GB18883-2022/GB50325-2022	
Alarm	Audible alarm (selected parameter)	
Display	2.7-inch TFT display	
Date & Time	Yes	
Data Storage	5000 groups	
Interface	USB interface to export in .txt	
Operating Temperature	0 to 50°C	
Storage Temperature	- 10 to 60°C	
Rechargeable Battery	2500mA/h DC 3.7V	
Power Supply	DC 5V (USB)	
Dimension	Device: 14.6 x 8.0 x 6.8cm   Package:19.5 x 11.5 x 9cm	
Weight	Net: 255g   Gross: 520g	