

Tekneka 480 is a mini particle counter used for precise measurements of particles as small as 2.5µm and 10µm, with a mass concentration range of 0 to 2000µg/m<sup>3</sup>. It has a 2-inch LCD screen showing readings for the particle counter and particle mass concentration, along with air temperature (0 to 50°C/32 to 122°F) and relative humidity (0 to 100%RH). Tekneka 480 has Bluetooth 4.0 connectivity, allowing users to easily sync data to smart devices for further analysis and sharing. It can also store 5,000 sets of data internally, which can be recalled at any time. This small particle counter can be recharged by USB and has a longer battery life. It is an essential tool for pharmaceutical production, semiconductor fabrication, biotechnology industries, food and beverage industries, and clean air research centers.

### Features

- 2-inch LCD screen with the AQI color scale bar makes it easy to see data
- Air particle sizes of 2.5µm and 10µm are precisely measured
- Easy to measure the mass concentration range of 0 to 2000µg/m<sup>3</sup>
- According to your needs, select sampling times of 30s, 1min, 2min, and 5min
- Displays the air temperature and relative humidity of the atmosphere
- Temperature units can be switched between °C and °F
- It has the option to enable/disable the alarm
- Can store 5,000 sets of data internally, which can be recalled at any time
- Bluetooth 4.0 connectivity helps to operate & sync sampling data
- It can be recharged by USB and has a longer battery life
- Auto power off function at 3, 10, and 30 minutes to reduce battery usage
- Low battery indication to prevent sudden switching off



### Applications

Tekneka 480 mini particle counter is used to measure the cleanliness of pharmaceutical production, semiconductor fabrication, biotechnology industries, food and beverage industries, and clean air research centers.



### Packing Includes

- 480 Mini Particle Counter
- Holding Stand
- USB Charging Cable
- User Manual

### Ordering Info

480..... Mini Particle Counter



Scan & Download  
iOS App

Specifications	Particle Channel	Mass Concentration
Measuring Range	2.5µm	0 to 2000µg/m <sup>3</sup>
	10µm	0 to 2000µg/m <sup>3</sup>
Resolution	1µg/m <sup>3</sup>	
Sampling Time	30s, 1min, 2min, and 5min	
Air Temperature Range	0 to 50°C/32 to 122°F	
Resolution	0.1°C/°F	
Accuracy	±1.0°C/2°F	
Relative Humidity	0 to 100%RH	
Resolution	0.1%RH	
Basic Accuracy	±3.5%RH (20 to 80%RH)   ±5%RH (Others)	
Display Size	2-inch TFT LCD (220 x 176 pixels)	
Alarm	Yes	
Internal Memory Storage	5,000 sets of data	
Connectivity	Bluetooth 4.0	
Battery	Li-ion 3.7V, 1500mAh	
Battery Type	In-built, Rechargeable (USB)	
Operating Temperature	0 to 50°C/32 to 122°F	
Storage Temperature	-10 to 50°C/14 to 122°F   0 to 80%RH	
Dimension	185 x 55 x 38mm	
Weight	Net: 136g   Gross: 493g	