



## Portable Multi-Parameter Colorimeter FM-PMC-A100

### Overview

Portable Multi-Parameter Colorimeter FM-PMC-A100 performs efficient on-site measurements. It functions on LED light and has wavelength accuracy of  $\pm 1$  nm. The reliability of the device is guaranteed by automatic wavelength selection and correction. Simple and intuitive operation of Colorimeter makes it stand out in the market. USB interface makes data transmission easier. Its user-friendly interface, customizable settings, and durable design contribute to its practicality in different environments.

### Specifications :

Source Detector Wavelength	Silicon photodiode
Wavelength range	420 nm, 520 nm, 560 nm, 610 nm
Wavelength accuracy	$\pm 1$ nm
Reading Modes	Concentration, Absorbance, % Transmittance
Preset Measurement Programs	90
User-Created Curves Function	Up to 10 curves
Automatic Wavelength Selection	Yes
Data Storage	500 items (GLP compliant)
Operating Environment	0 to 50 °C (32 to 122 °F)
Protection Level	IP67
Communication	Mini USB
Display	LCD backlight display
Sample Vial Type	25 mm round, 16 mm round (adapter required)
Battery Type	AA batteries, 4 pcs.
Dimensions	231 ×96 ×48 mm
Weight	0.6 Kg

### Features :

- Capable of measuring multiple parameters
- Users can create and customize up to 10 measurement programs
- Stores up to 500 measurement items
- Backlight display function for better visualization
- IP67 protection level for resistance against dust and water
- Good drop and shock resistance

### Applications :

Portable Multi-Parameter Colorimeter is in great demand due to its flexibility across environmental monitoring, agriculture, etc.