

Model 6+

MINI PHOTOMETER



Provide Accurate Results



Portable cost effective mini photometer

Product Features

The M6+ is a portable and cost effective instrument designed to perform ELISA testing in small and medium sized clinics for agricultural, water, and protein studies. With a large LCD and 2 button controls, the instrument can operate with just minimal training.

For different type of experiments the samples can be measured through micro well strip, round cuvette, and square cuvette. The M6+ is also design to accommodate different wavelength filters, to exchange different filters just simply pull out the original filter and insert the desired filter for wavelength change.

3 different measurement modes for all kinds of experiment

M6+ can convert between Absorbance and Concentration value. The instrument also provides Cutoff calculating method to determine positive and negative results.

Interchangeable filter design wavelength selection

The wavelength selection is performed by changing filters: just simply pull out the original filter and insert a new one. Additional filters from 400~700nm are optional.

The patent (US Patent No 5,221,961) approved rotating optical unit design

The patent approved rotating optical unit can rotate vertical or horizontal to accommodate cuvettes, or micro strips to fit all kinds of experiment.



Key Features

■ *Large LCD display and 2 button control for ease of use*

M6+ is designed with a large LCD display and only 2 buttons to read, and control instrument. The M6+ is easy to use and requires minimal training which is perfect instrument for beginners.

■ *Small and portable unit*

The M6+ is a compact and robust instrument for onsite experiments, the unit can also connect to a battery pack that uses AAA batteries for environments that doesn't have a power outlet.

Accessories for M6+



Specification

Model Number	M6+
Light Source	Focalized Tungsten lamp
Detector	Silicon photodiode
Wavelength Range	400-750nm
Bandwidth	10nm ± 2nm
Reproducibility	< +/- 0.005 Abs (under 2.000 Abs)
Measurement mode	A / C / cutoff
Concentration	0.000 ~ 99,999.99
Linearity	±2% (0.001 ~ 1.500 Abs)
Resolution	0.001 Abs (under 2.000 Abs)
Photometric range	0 ~ 2.500 Abs
Display	16 x 2 large LCD Display
Interface	RS232 and parallel port
Power	Input AC: 100 ~ 240V at 50/60Hz Output DC: 12V/700MA
Dimension	150(W) x 170(D) x 50(H) mm
Weight	0.85kg

*Metertech reserve the right to alter specifications without notice

Optional Accessories

DESCRIPTION	PART NUMBER
M6+	Mini potometer
SP-830+	Visible spectrophotometer
SP-880	Visible spectrophotometer with PC compatibility
SP-8001	UV-Visible spectrophotometer
M965	400 ~ 900mm Microplate reader
M965+	340 ~ 900mm Microplate reader
M006-014	AAA battery pack

