

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 waste water, drinking water, environmental, food, and ELISA testing. With a large LCD and 2 button controls, the instrument can operate with just minimal training.

The M6+ can accommodate a wide variety of tests with 2 of its major optical designs. The first is a interchangeable filter design which can detect from 400~750nm. The second is a patented optic compartment which allows users to perform different type of experiments by using round cuvette, square cuvette, and microstrips.

The M6+ is a versatile instrument that will accommodate users to perform all kinds with the most flexibility.

Key Features

- **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, users will only need to insert a filter of the desired wavelength into the M6+ to detect different wavelength.

- **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

The M6+ is a compact and robust instrument for onsite and offsite experiments. The unit can use a power adapter for power, or use the optional battery pack to power the instrument on the field.

■ 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	Tungsten Halogen lamp
Detector	Silicon photodiode
Wavelength Range	400~750nm
Bandwidth	10nm ± 2nm
Reproducibility	<+/- 0.005 (under 2.000 O.D)
Measurement mode	A / C / cutoff
Concentration	0.000 ~ 99,999.99
Linearity	0.001 ~ 1.500 OD (±2%)
Resolution	0.001 O.D.(under 2.000 O.D.)
Photometric range	0 ~2.500 abs
Display	16 x 2 large LCD Display
Interface	RS232 and parallel port
Power	100 ~ 240V at 50/60Hz AAA battery X 6 pack box
Dimension	150(W) x 170(D) x 50(H) mm
Weight	85g

*Metertech reserve the right to alter specifications without notice

Ordering Information

PART NUMBER	DESCRIPTION
M6+	Mini Photometer
M006-PC	M6+ with PC compatibility
SP-830+	Visible Spectrophotometer
SP-880	Visible Spectrophotometer with PC compatibility
SP-8001	UV- Visible Spectrophotometer
M965	400~900nm Microplate Reader
M965+	340~900nm Microplate Reader
M006-014	AAA battery pack
P0000000	Thermal printer

