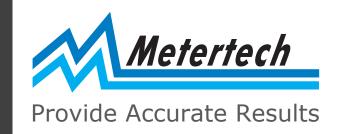
# **Model 6+**MINI PHOTOMETER





# **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 mirco 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
	100 ~ 240V at 50/60Hz
Power	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



