Model 6+

MINI PHOTOMETER

Metertech

Provide Accurate Results

Portable cost effective mini photometer

Product Features

The M6+ is a portable and cost effective instrument designed to do 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.

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: 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 mirco 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 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	400-700nm
Bandwidth	10nm ± 2nm
Reproducibility	<+/- 0.005 (under 2.000 O.D)
Measurement mode	C / cutoff
Concentration	0.000 ~ 9,9999.99
Linearity	0.001 ~ 1.500 OD (±2%) < Resolutions 0.001 OD
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
M006-003	Round cuvette holder (12 X 75mm)
M006-004	Square cuvette holder (10×10mm)
M006-009	Power adapter 110V
M006-010	Power adapter 220V
M006-014	Battery AAA X 6 pack box
M006-405	Filter cassette 405nm
M006-450	Filter cassette 450nm
M006-490	Filter cassette 490nm
M006-550	Filter cassette 550nm
M006-600	Filter cassette 600nm
M006-650	Filter cassette 650nm
P0000002	Thermal printer 110V (DPU-414)
P0000003	Thermal printer 220V (DPU-414)
P0000007	Printer paper 112mm×11m/roll

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