

# COMBO MINIPHOTOMETER



## FEATURES

- Portable, mobile and fieldable with a compact, durable design. Weighs less than 850 grams.
- Choose either AC (120V) or DC (240V) power supply. A battery pack with 6 AA alkaline batteries is included for remote operation.
- Reads directly using a choice of alternate test formats of standard microtiter plate well strips (1 x 8 or 1 x 12), 12 mm round tubes or optional 10 mm square cuvettes.
- Easy to use and requires minimal training. All operations are processed with only two touch buttons following prompts on the large LCD display.
- 450 nm filter is included. Five, optional, interchangeable, filters provide a visible wavelength range of 400–700 nm.
- Optional RS-232 to USB and parallel cables provide connection to a computer or printer.
- Computer based ELISA data reduction with 2 and 4-parameter.

## ORDERING

P475101      Model M6<sup>+</sup> Manual with Absorbance, Concentration & Cutoff Modes  
P475107      Model M6<sup>+</sup> Manual with Computer Based ELISA Data Reduction

## SPECIFICATIONS

|                    |   |
|--------------------|---|
| WAVELENGTH RANGE   | 400-700 nm via six narrow band interference filters   |
| BANDWIDTH          | 10 nm +/- 2 nm  |
| DETECTOR           | Solid-state silicon photodiodes   |
| DISPLAY            | 16 X 2 large LCD display  |
| INTERFACES         | RS-232 and parallel port  |
| LIGHT SOURCE       | Focalized Tungsten lamp   |
| ABSORBANCE RANGE   | 0.000 – 2.500 O.D.  |
| LINEARITY          | 0.000 – 1.500 O.D. (+/- 2.0%)   |
| REPRODUCIBILITY    | Better than +/- 0.005 O.D.  |
| RESOLUTION         | 0.001 O.D.  |
| POWER I/O          | Input - AC 120V 60 Hz or DC 220V 50 Hz<br>Output - DC 12V/700 mA  |
| SAMPLE COMPARTMENT | Microtiter Plate Strip Wells: Standard 1 x 8 or 1 x 12<br>Round Tubes: 12 mm diameter<br>Cuvettes: 10 mm square |
| DIMENSION          | 150(W) X 170(D) X 50(H) mm  |
| WEIGHT             | 850 grams   |

## OPTIONAL ACCESSORIES

- Square cuvette holder: 10 mm P/N S0060200
- Filters:
  - 405 nm P/N S00601005
  - 490 nm P/N S00601002
  - 550 nm P/N S00601003
  - 600 nm P/N S00601004
  - 650 nm P/N S00601006
  - 450 nm P/N S00601001 (Included)
- RS-232 to USB cable: P/N 0570006004
- Printer, 40 column: P/N 0910040002 (Specify AC or DC)
- Parallel cable: P/N 0570006006

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