

Instruments & Accessories

Tube/Plate Strip Mini Photometer



All operations are processed with only two touch buttons by following instructions on the LCD display. Results of sample measurement can be obtained within two seconds.

The installed RS-232 and centronics interfaces allow reading connections to computer and printer.

Besides power adapter, Model 6+ also can be connected with any 12V battery bag for field operation.

Model-6+ provides easy access for exchange of well-strip/cuvette holders as well as filters.

OEM enquiries with customized software welcomed.

Features

- ◇ Small, lightweight design. Weighs less than 850 grams. Suitable for field testing or on-the spot process monitoring.
- ◇ Microplate well-strips (1 X 8 or 1 X 12) and Test Tubes (12 X 75 mm)
- ◇ Battery operated (6) AA alkaline batteries, or AC (120V or 240V)
- ◇ Interchangeable filters, wavelength range: 400-750 nm
- ◇ Readings directly from standard 12 mm round reaction tubes or strips. No need to purchase special cuvettes or deal with sample transfers.
- ◇ RS 232 connection allows reading connections to computer and optional printer.
- ◇ Absorbance readings, concentration calculation, cut-off function. Data storage, 125 sets.

Ordering

PN 475101 Tube/Plate Strip Mini Photometer

Abraxis LLC
54 Steamwhistle Drive
Warminster, PA 18974
Phone: (215) 357-3911
FAX: (215) 357-5232
Email: info@abraxiskits.com
WEB: www.abraxiskits.com



SPECIFICATIONS	
WAVELENGTH SELECTION	400-700nm by interference filters
FILTERS	Narrow band interference filters
	Standard: 450nm P/N S000601001
	Bandwidth: 10nm±2nm
PHOTODETECTOR	solid-state silicon photodiodes
DISPLAY	LCD - 2 x 16 characters
EXTERNAL OUTPUTS	- RS-232 interface - Parallel printer interface
LIGHT SOURCE	Focalized Tungsten lamp 6V/ 2W
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(Adapter)	-Input AC 120V or 240V -Output DC 12V/700mA
SAMPLE COMPARTMENT	Strip holder : 9 x 13mm standard well-strip Round cuvette holder : 12mm in diameter
DIMENSION	Whole unit:150(W) x 170(D) x 50(H) mm Optical unit:50(W) x 50(D) x 50(H) mm
WEIGHT	850 grams (with power adapter)
*Specification subject to change without notice.	

Optional Accessories:

1 Square cuvette holder:10mm P/N S00060200

2 Filters: 405nm P/N S00601005
490nm P/N S00601002
550nm P/N S00601003
600nm P/N S00601004
650nm P/N S00601006

3 RS-232 cable P/N 0570006004

4 40-column printer P/N 0910040002

5 Centronics cable P/N 0570006006

* Filters for other wavelengths are available upon special request.

