

Phototron

Semi-automated Clinical Chemistry Analyser

PHOTOTRON

An ideal solution for small and medium sized laboratories. Reliable and low maintenance, the analyser operates as an open system with minimal reagent consumption. Supplied with changeable pre-programmed assays.

Features

- 7" Colour touchscreen with easy keypad operation and internal thermal printer
- Open reagent system
- Choose between flow cell and cuvette mode
- Analytical modes include kinetic, fixed time and dichromatic end point
- Real-time reaction curve monitoring
- Powerful QC function supporting Westguard Multi-rule and Levey Jennings plot
- Auto lamp sleep mode
- 7 standard filters and 1 optional filter
- Multiple result output types



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Technical Specifications

Photometric Range	0.000-3.000Abs
Resolution	0.001Abs (displayed), 0.0001Abs (calculated)
Light Source	Tungsten halogen lamp, 6V/10W
Wavelengths	340, 405, 500, 546, 578, 620, 670(nm) & 1 optional filter
Wavelength Accuracy	±2nm
Half band width	≤10nm
Aspiration Volume	200-6000µL
Carryover	≤ 1%
Memory	175 test protocols, 10,000 test results
Interface	RS-232, USB, LAN
Flow Cell	30µL metal flow cell
Cuvette Mode	12.5mm*12.5mm cuvette (optional)
Temperature Control	25°C, 30°C, 37°C ±0.5°C & ambient temperature
Display	7" colour touchscreen LCD (800*480 pixels)
Input	USB, mouse & keyboard
Output	Internal printer or external printer (optional)
Power	AC110V~240V; 50/60Hz
Dimensions (mm)	350 *362 *180
Weight	6.5Kg



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