Stat Fax® 4500

Chemistry Analyzer

The Stat Fax® 4500 is a compact, standalone chemistry analyzer. Its streamlined design offers touch screen interface, superb optics, on-board curve-fitting software, and built-in printer to meet the requirements of modern laboratories.

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Cost Effective by Design®

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Chemistry Analyzer Specifications

Photometric

Linear Measurement Range:	Tube or Cuvette - 0.0 to 3.0 Absorbance units (A).
Photometric Accuracy:	+/- (1% of the reading + 0.005A).
Stability:	Drift of no more than 0.005A in 8 hours/bichromatic.
Light Source:	Tungsten lamp with lamp saver feature.
Standard Wavelengths:	340, 405, 505, 545, 580 and 630nm. (alternate filters available from 340 to 700nm).
Filter Type:	IAD hardcoat interference, 10nm half bandpass.
Tube Size:	12 mm round is standard.
Minimum sample volume:	1mL for 12mm round tube. 250µL for optional flowcell.

Electronic

Display:	Interactive touch-screen 3.5" LCD, color graphic display.
Printer:	Thermal dot matrix, with graphic capability.
Power Requirements:	115V or 230V AC, 1.5A, 50-60Hz (universal input).
Interface:	USB mouse.

Software

Speed:	Reads, calculates and prints results, 3 seconds per tube.
Calculation Modes:	Single point calibration by standard or factor, multipoint calibration with point-to-point curve fit, rate by standard or factor (batch or singly).
Test Menu:	More than 50 open channels to store tests. Stores all parameters including wavelengths, calculations, unit codes, linear and normal ranges, rate timing, standard values, test names and previous standard curve.

Other

Temperature control	Read cell and incubation block, user selectable.
Enclosure:	Painted flame-retardant ABS plastic cover and base.
Dimensions:	Approx. 9x13.5x5in. (24x34x13cm) weighs 10lbs.(4.5kg).
Certifications:	NRTL listed, CE mark.

Stat Fax® 4500
shown with optional flowcell

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