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# STAT FAX<sup>®</sup> 4500

**Programmable open system**

**Biochemistry Analyzer**

Stat Fax 4500 is a compact, standalone chemistry analyzer with built-in 12 station incubation, on-board printer, and touchscreen.



**Stat Fax<sup>®</sup>, serving laboratory needs worldwide for more than 25 years**

- Read well accepts 12 mm test tubes and 1 cm cuvettes
- Flow cell for rapid fluid sampling with low carryover
- 8 position filter wheel
- Standard 6 filter configuration (340 nm - 700 nm)
- Optional read cell cooling at 25°C, 30°C, or 37°C
- Incubation block at 37°
- Stores up to 120 tests in memory



**AWARENESS<sup>®</sup>**  
**TECHNOLOGY, INC.**

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## Stat Fax® 4500 Biochemistry Analyzer

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 tube is standard.
Minimum sample volume:	Read cell accommodates square cuvettes. 1 ml for 12mm round tube. 250µL for flowcell.
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.
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.
Temperature control	Read cell and incubation block, user selectable.
Enclosure:	Painted flame-retardant ABS plastic cover and base.
Dimensions:	Approx. 9x13.5x5in. (24x34x13cm) weighs 1 Olbs.(4.5kg).
Certifications:	NRTL listed, CE mark.



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