STAT FAX® 4500

Programmable open system

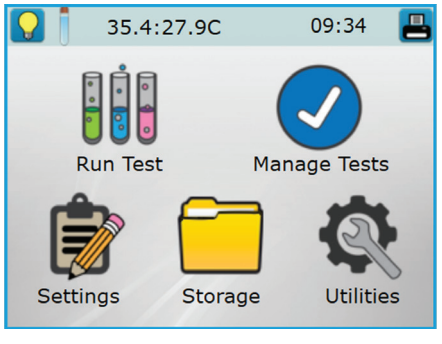
Biochemistry Analyzer

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

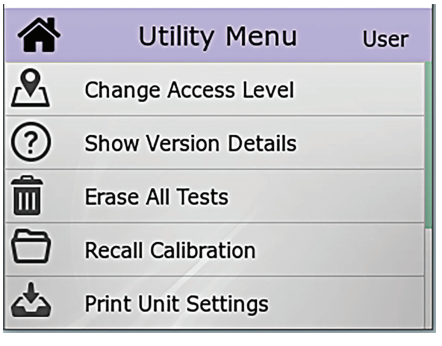
Awareness Technology® serving laboratory needs since 1982

- Performs endpoint and kinetic assays using standards or factors
- User programmable menu for routine chemistries such as cardiac, liver, kidney, and metabolic function tests
- Reads 12mm tubes, 1 cm square cuvettes, or with a flowcell
- Bichromatic photometer with 6 filters ranging from 340 nm to 700 nm
- Stores 500 test results
- Stores 1000 control results

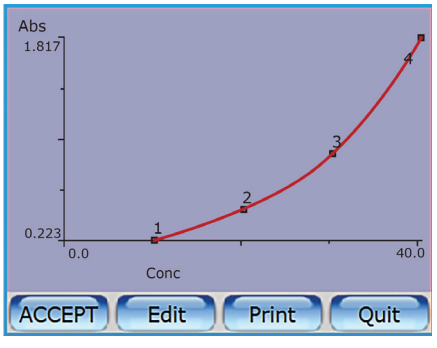
Stat Fax® 4500 has been updated and improved, the same reliability you have come to expect with an improved graphical interface and high resolution capacitive touchscreen similar to those found on today's smart phones. Response times are faster, selections take place almost instantly, the glass surface is easier to clean and the processor has been updated resulting in an overall performance boost improving the user experience.



Updated interface for easy navigation



Simple to use graphically driven utilities



High resolution capacitive touch display

Stat Fax® 4500 Biochemistry Analyzer

Speed	Reads, calculates and prints results, 3 seconds per tube.
Linear Measurement Range	0.0 to 3.0 Absorbance units (A)
Photometric Accuracy	+/- (1% +/- 0.010) 0.0 through 1.5 ABS +/- (2% +/- 0.010) 1.5 through 3.0 ABS
Stability	Drift of no more than 0.005A in 8 hours/bichromatic.
Light Source	Xenon-Halogen with lamp saver feature
Standard Wavelengths	340, 405, 505, 545, 580 and 630nm (alternate filters available from 340 to 700nm, a maximum of 8 filters installed must be custom manufactured)
Filter Type	IAD hardcoat interference, 10nm half bandpass
Tube Size	12 mm round tube is standard Read cell accommodates square cuvettes
Minimum sample volume	1 ml for 12mm round tube 250µL for flowcell
Display	Interactive capacitive touch-screen 3.5" LCD, color graphic display
Printer	Thermal dot matrix, with graphic capability
Power Requirements	110-240 VAC ~ 50/60Hz
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	Store up to 140 programmed tests Stores all parameters including wavelengths, calculations, unit codes, linear and normal ranges, rate timing, standard values, test names and previous standard curve
Special software features	Levey-Jennings Q.C. Real-time kinetics
Temperature control	Read cell and incubation block, 37˚C or off
Enclosure	Painted flame-retardant ABS plastic cover and base
Dimensions	Approx. 9x13.5x5in. (24x34x13cm) weighs 10 lbs.(4.5kg)
Certifications	NRTL listed, CE mark

ISO 13485:2016

MADE IN U.S.A.

Redi-Check® photometer check set, to monitor the accuracy, linearity, and repeatability of Chemistry Analyzers

AWARENESS® TECHNOLOGY, INC.
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