



AWARENESS TECHNOLOGY

introduces the all-new

Stat Fax[®] 4200

...a compact, standalone, 8-channel microplate reader. Its streamlined design offers touch screen interface, rapid reading, superb optics, on-board curve-fitting software, and built-in printer to meet the requirements of modern laboratories.



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Stat Fax[®] 4200

Microplate Reader specifications

Photometric

Linear Measurement Range:	-0.20 to 4.0 Absorbance units (A).
Photometric Accuracy:	+/- 1% .
Stability:	drift of no more than 0.005A in 8 hours.
Light Source:	Remote halogen lamp source with lamp saver feature.
Wavelengths:	Standard: 405, 450, 492, and 630nm. 6-filter: 405, 450, 492, 545, 600, and 630nm. Filter options from 405nm to 700nm.
Filter Type:	IAD hardcoat interference, 10nm half bandpass.
Vessel:	Standard 96-well microtiter plates, or strip trays.

Electronic

Display:	Interactive touch-screen LCD.
Printer:	thermal dot matrix, 20 characters per line, plus graphics.
Power Requirements:	115V or 230V AC, 50-60Hz (auto-sensing).
Interface:	USB mouse.
Microprocessor:	eZ80.
Speed:	reads absorbances of 96 wells in about 10 seconds.
Plate Transport:	Stepper motor.
Certifications:	Pending (Oct 2008).

Software

Calculation Modes:	Single point calibration, point-to-point curve fit, polynomial regression, linear and sigmoidal regression. (log & linear), cutoff absorbance, multipoint % absorbance.
Additional Features:	User-programmable open system, selectable plate formatting, alphanumeric test naming, automatic interpretation options, duplicate well options, curve plotting and editing, flags and error messages.

Other

Enclosure:	painted flame-retardant ABS plastic cover and base.
Dimensions:	approx. 7.5x13.0x16.5 (19x20.3x42cm) weighs 15lbs. (6.8kg)

