Stat Fax® 4200

Microplate Reader

The Stat Fax® 4200 is 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.

Stat Fax® 4200
Microplate Reader Specifications

Photometric

Linear Measurement Range:	0.0 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 5.7" (14.5cm) graphical 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.
Speed:	Reads absorbances of 96 wells in about 10 seconds.
Plate Transport:	Stepper motor.
Certifications:	NRTL listed, CE mark.

Software

Calculation Modes:	Single point calibration, point-to-point curve fit, polynomial regression, linear and sigmoidal regressions (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:	Flame-retardant ABS plastic cover and base.
Dimensions:	Approx. 7.5"x13.0"x16.5" (19x20.3x42cm).
	Weighs 15lbs. (6.8kg).