

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.

 **AWARENESS TECHNOLOGY, INC USA**
Cost Effective by Design[®]

Stat Fax® 4200

Microplate Reader Specifications

PHOTOMETRIC

Linear Measurement Range:	0.0 to 4.0 Absorbance Units (A)
Photometric Accuracy:	+/- 1% or better (NIST)
Stability:	Drift of no more than 0.005A in 8 hours
Light Source:	Halogen lamp with lamp saver feature
Standard Wavelengths:	405, 450, 492, and 630nm. 6-filter: 405, 450, 492, 545, 600, and 630nm (Optional). (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 5.7" (14.5cm) LCD, color graphic display
Printer:	Thermal dot matrix, 20 characters per line, plus graphics
Power Requirements:	115V or 230V AC, 1.5A, 50-60Hz (universal input)
Microprocessor:	eZ80, 64K EEPROM
Memory:	768K bytes Flash Memory, 1MB static RAM Memory
Interface:	USB mouse; USB port used for thumb drive interface for firmware updates (mouse not included; thumb drive not included) PC connectivity via SF_Capture software and USB cable(cable not included)

SOFTWARE

Speed:	Reads absorbances of 96 wells in about 10 seconds
Calculation Modes:	Absorbance, Factor, Cutoff Standard, Point-to-Point, Regression (log, linear, and log-logit selections), Cubic Spline, Cut Off Mode, multipoint % absorbance
Additional Features:	User-programmable open system, selectable plate formatting, alphanumeric test naming, automatic interpretation options, duplicate well options, curve plotting, flags and error messages.
Test Menu:	Stores 100 tests; stores all parameters including wavelengths, calculations, unit codes, linear and normal ranges, standard values, test names, and previous standard curve.

OTHER

Enclosure:	Flame-retardant ABS/PVC alloy material cover with aluminum base
Dimensions:	Approximately 8-1/4"x13.5"x17" (21cmx34.3cmx43.2cm) weight: 12 lbs (5.4kg)
Certifications:	NRTL listed, CE mark, US FDA.

RECOMMENDED ENVIRONMENTAL CONDITIONS

Recommended Operating Temperature:	18-35°C
Recommended Operating Humidity:	less than 80%
Storage Temperature:	10 to 50°C



(Options)

Dri-Dye® Check Strips

For performance verification of Stat Fax®, Chromate®, and other microstrip and microplate readers



Marketed By:

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Awareness Technology reserves the right to change specifications without notice due to continuous design improvement.