ERVIN DANESHAZMA

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اروین دانش آزما

Ervin Danesh Azma

خدمات خوب یک اتفاق نیست

Features

- Fully automatic
- Bichromatic optics
- Onboard data reduction calculations include regressions, curve fitting and cutoff absorbance calculations with step-by-step user prompting
- Large, non-volatile memory stores up to 36 user-entered tests
- Includes parallel and serial outputs (serial cable included)
- Operates with HP, Canon & Epson® compatible external printers

Options & Accessories

- Four and six filter models available
- Optional 340nm reading capability
- Dri-Dye® Check Strips for verifying accuracy, linearity, and repeatability

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Stat Fax® 2100 Microplate Reader specifications

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Photometric

Linear Measurement Range:	-0.20 to 3.0 Absorbance units (A)
Photometric Accuracy:	+/- 1% or better (NIST)
Stability:	drift of no more than 0.005A in 8 hours
Light Source:	xenon lamp with lamp saver feature
Lamp warm up time:	45 seconds
Wavelengths:	
Standard	405, 450, 492, and 630nm
6-VIS	405, 450, 492, 545, 600, and 630nm
6-UV	340, 405, 450, 492, 545, and 630nm
Filter Type:	IAD hardcoat interference, 10nm half bandpass
Vessel:	Standard 96-well microtiter plates, or strip trays

Electronic

Display:	two-line LCD, alpha numeric, 24 characters per line
Printer Requirements:	parallel or serial: 80 column, 2K byte minimum buffer capacity Parallel: Hewlett Packard, Canon, or Epson compatible Serial: Epson compatible only
Keyboard:	29-key, domed membrane switch, enunciating
Power Requirements:	115V or 230V AC, 50-60Hz (switch selectable)
Serial Port:	2400 Baud, 1 start bit, 8 data, 1 stop, no parity
Non-volatile Memory:	battery supported RAM, holds approx. 36 tests and curves
Certifications:	NRTL Listed, CE Mark

Software

Speed:	reads, and prints absorbances of 96 wells in about two minutes
Calculation Modes:	single point calibration, point-to-point curve fit, polynomial regression, linear regression (log & linear), cutoff absorbance, multipoint % absorbance
Additional Features:	complete user prompting, flags and error messages, partial plate reading, alphanumeric test naming, automatic interpretation options, duplicate options, clock and calendar, controls locator, self check system, curve plotting and editing

Other

Mixer:	variable time, fixed speed
Enclosure:	fire-retardant ABS plastic cover with metal base
Dimensions:	approx. 17x14.5x7in (43x37x18cm) weighs 20lbs. (9kg)

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