Stat Fax® 4700

Microstrip Reader

The Stat Fax® 4700 is a compact, standalone microstrip reader. Its streamlined design offers touch screen interface, superb optics, on-board curve-fitting software, and built-in printer to meet the requirements of modern laboratories.

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Microstrip Reader Specifications

Photometric

Linear Measurement Range:	0.0 to 3.0 Absorbance units (A).
Photometric Accuracy:	+/- (1% of the reading + 0.005A).
Stability:	Drift of no more than 0.005A in 8 hours/bichromatic.
Light Source:	Tungsten lamp with lamp saver feature.
Standard 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.
	(alternate filters available from 340 to 700nm).
Filter Type:	IAD hardcoat interference, 10nm half bandpass.
Vessel:	Single, double, or break-apart strips up to 12 wells long.
	3-strip loading capacity with 2 options:
	☑ 3x12 carrier for single break-apart or 12 well strips.
	☑ 3x8 carrier for non-break-apart (rigid) or 2x8 strips.

Electronic

Display:	Interactive touch-screen 3.5" LCD, color graphic display.
Printer:	Thermal dot matrix, with graphic capability.
Power Requirements:	115V or 230V AC, 1.5A, 50-60Hz (universal input).
Interface:	USB mouse.

Software

Speed:	Reads, calculates and prints results, 3 seconds per tube.
Calculation Modes:	Single point calibration by standard or factor, multipoint calibration with point-to-point curve fit, linear regressions with log, lin, and log-logit selections, non-linear regressions with 4-parameter and cubic spline selections.
Test Menu:	More than 50 open channels to store tests.
	Stores all parameters including wavelengths, calculations, unit codes, ranges, interpretations, calibrator values, test names, and previous curve.

Other

Enclosure:	Painted flame-retardant ABS plastic cover and base.
Dimensions:	Approx. 9x13.5x5in. (24x34x13cm) weighs 10lbs.(4.5kg).
Certifications:	NRTL listed, CE mark.

Dri-Dye® Check Strips

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

Awareness Technology products are designed and manufactured in the U.S.A.