



## Stat Fax 303+ Microstrip Reader



### Features

- Automatic strip transportation.
- 3-strip loading capacity or break-apart, single, and double strips. The carriers come in two styles, 3x12 for break-apart microwell strips, and an optional 3x8 for non-break-apart microwell strips.
- Bichromatic optics. Standard model includes four filters, six filters are available for a nominal charge.
  - Easy to use with step-by-step prompting and on-board graphics printer.
    - Log-logit mode and other programming enhancements.
  - On-board software calculates single & multi-point calibration curves, regressions, & a variety of cutoff options.
  - Large non-volatile memory stores more than 50 user-entered tests.
    - NRTL and CE certified.

### Stat Fax® 303Plus specifications

#### Photometric

Linear Measurement Range:	-0.20 to 3.0 Absorbance Units (A)
Photometric Accuracy:	+/- 1% or better
Stability:	drift of no more than 0.005A in 8 hours
Light Source:	tungsten lamp, with lamp saver feature
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
Type of Filter:	multiple cavity hard coat interference, 10nm half bandpass
Vessel:	single, double, or break-apart strips, up to 12 wells long
	3 strip loading capacity, 2 options:
	3x12 carrier for single break-apart or 12 well strips
	or: 3x8 carrier for non-break-apart (rigid) or 2x8 strips

#### Electronic

Display:	alpha numeric, 16 character LCD
Printer:	thermal, dot matrix, 20 characters per line, plus graphics
Keyboard:	16-key, domed membrane switch, enunciating
Power Requirements:	115 V or 230V AC, 50-60 Hz (switch selectable)
Microprocessor:	Z80A or Z180
Non-volatile Memory:	battery backed up RAM, holds approx. 32 tests and curves
Serial Port:	output only, custom cable available, 2400 baud, 1 start, 8 data, 1 stop, no parity, no handshake
Certifications:	NRTL Listed, CE Mark

#### Software

Speed:	reads, calculates, and prints results of 12 wells in 30 seconds
Calculation Modes:	single point calibration, point-to-point curve fit, linear regression (log and linear), log/logit, % absorbance/zero standard absorbance multi-point, uptake, cutoff, absorbance
Other Software Features:	complete user prompting, flags and error messages, lamp monitoring, graphing and curve editing

#### Other

Enclosure:	fire-retardant ABS Plastic cover with metal base
Dimensions:	approx. 9 x 12 x 3 in. (23 x 30 x 8 cm), 13 lbs. (5.9kg)