



## Stat Fax<sup>®</sup> 303Plus - Microstrip Reader

### Features

- ⇒ Accepts all types of strips
- ⇒ Automatic strip transportation
- ⇒ Bichromatic optics. Standard model includes 4 filters
- ⇒ Easy to use with step-by-step prompting
- ⇒ On-board graphics printing
- ⇒ Calculates results automatically
- ⇒ Large, non-volatile memory stores more than 30 user-entered tests
- ⇒ Standard model includes both 3x8 and 3x12 strip carriers for break-apart microwells

### Options & Accessories

- ⇒ Six filter Visible and UV options available
- ⇒ Dri-Dye<sup>®</sup> Check Strips for verifying accuracy, linearity, and repeatability
- ⇒ Optional 3x12 strip carrier for non-break-apart microwell strips

#### Distributed by:



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# Stat Fax<sup>®</sup> 303Plus specifications

## 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:	Single, double or break-apart strips up to 12 wells long 3 strip loading capacity, 2 options: <input checked="" type="checkbox"/> 3x12 carrier for single break-apart or 12 well strips <input checked="" type="checkbox"/> 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:	115V or 230V AC, 50-60Hz (switch selectable)
Microprocessor:	Z180
Non-volatile Memory:	battery supported RAM, holds approx. 31 tests and curves
Serial Port:	output only, custom cable available, 2400 Baud, 1 start bit, 8 data, 1 stop, no parity, no handshake
Certifications:	NRTL Listed, CE Mark

## Software

Speed:	reads, and prints results of 12 wells in 30 seconds
Calculation Modes:	single point calibration, point-to-point curve fit, linear regression (log & linear), log/logit, % absorbance/zero standard multipoint, uptake, cutoff, absorbance
Additional Features:	complete user prompting, flags and error messages, alphanumeric test naming, automatic interpretation options, duplicate options, clock and calendar, controls locator, curve plotting and editing

## Other

Enclosure:	fire-retardant ABS plastic cover with metal base
Dimensions:	approx. 9x13.5x5in. (24x34x13cm) weighs 13lbs. (5.9kg)



## Also from Awareness Technology

### Dri-Dye<sup>®</sup> Check Strips for performance verification

Monitor calibration, linearity and repeatability of microstrip and plate readers. Simply add water, read, and compare results to pre-determined acceptance criteria

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