

sales@awaretech.com

STAT FAX® 4700

Programmable Open System

ELISA Microstrip Reader



Stat Fax, serving laboratory needs
worldwide for more than 25 years

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The Stat Fax 4700 is ideal for reading ELISA microwell strips in laboratories and institutions where small runs of ELISA assays are routine. Assays can easily be programmed using the touch screen interface with filters ranging from 340 nm - 630 nm. The robust instrument is factory calibrated and maintenance free.

Features of the Stat Fax 4700

- ◆ Economical open system & Compact design
- ◆ Three strip loading capacity
- ◆ Automatically positions each strip for reading
- ◆ Multiple calculation modes
- ◆ Touch screen display and on-board printer
- ◆ Dependable maintenance-free design
- ◆ Up to 120 user programmable stored tests
- ◆ Test results in 30 seconds per 12 well strip
- ◆ Custom filter configurations available



 **AWARENESS®**
TECHNOLOGY, INC.

STAT FAX® 4700

Semi-automated ELISA Programmable Strip Reader

Linear Measurement Range	0.0 to 3.0 Absorbance units (A)
Photometric Accuracy	+/- (1% +/- 0.010) 0.0 through 1.5 ABS +/- (2% +/- 0.010) 1.5 through 3.0 ABS
Stability	Drift of no more than 0.005A in 8 hours/bichromatic
Light Source	Tungsten-Xenon lamp with lamp saver feature
Standard Wavelengths	Standard: 405, 450, 492, and 630 nm 6-VIS: 405 - 630 nm 6-UV: 340 - 630 nm
Vessel	Non break apart or break apart strips up to 12 wells long 3 strip loading capacity, (for break apart wells, partial strips or even a single well can be read)
Transport mechanism	Auto-Track™ automatic strip transport Detection Mode
Display	Interactive touch screen 3.5" (8 cm) LCD, color graphic display
Printer	Thermal with graphic capability, approximately 29 characters per line
Speed	Reads, calculates and prints results, in approximately 30 seconds per 12-well strip
Calculation Modes	Single point calibration by standard or factor, multi-point calibration with point-to-point curve fit, linear regressions with log, linear, and log-logit selections
Test Storage	120 open channels to store tests Stores all parameters including wavelengths, calculations, unit codes, ranges, interpretations, calibrator values, test names, and previous curve
Dimensions & weight	Approximately 9"x13.5"x5" (24x34x13 cm) weight: 5 lbs (2.3 kg)

ISO 13485:2016



Awareness Technology, Inc. USA & International
tel: +1 772 283 6540 fax: +1 772 283 8020

Awareness Technology, Inc. Europe
tel: +43 (0) 2236 892465 fax: +43 (0) 2236 892464

Awareness Technology, Inc. Asia & Africa
tel: +971 (06) 557 80 58 fax: +971 (06) 557 80 59



Dri-Dye® Check Strips

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