

Stat Fax 3300 Technical Specifications

Photometer

Tube or cuvette	-0.2 to 2.5 absorbance units
With flowcell	-0.2 to 3.5 absorbance units
Stability	drift of no more than 0.005A in 8 hours/bichromatic
Light source	tungsten halogen lamp, with lamp saver feature
Standard wavelengths	340, 405, 505, 545, 580, 630nm plus 2 optional
Filter types	ultra long life multiple cavity IAD hard coat

Sampling

Sample Volume - Flowcell	programmable 250 L-750 L
Flowcell Body	surgical grade stainless steel
Windows	Pyrex
Illuminated volume	21 L
Minimum Volume - Tube (12mm)	1mL
Minimum Volume - Cuvette	400 L

Electronic

Processor	Z180
Program Memory	1 megabit
Non-volatile Memory	1 megabit
RAM	32k byte
Internal printer	40/80 column thermal
Display	Graphical LCD 240x128
Keyboard	20 key, domed membrane
PC keyboard	compatible with standard PS2 keyboard
Output - RS232	9600 8 data, 1 stop, no parity
Output - Parallel	Any IBM printer with simple ASCII compatibility

Operating Modes

Single and multipoint standardization	
Rate (factor/standard)	live graphical display of reaction
Curve fit	linear, point to point, or regression
Miscellaneous.	blank and curve recall, sample blanking

Special Features

Levey Jennings, patient reports, job creation	
User tests	more than 100
Stored patient results	more than 500
Stored control results	more than 500
Optional external heat block.	18 wells, controlled temp @ 37°C
Optional read cell cooling.	Peltier cooling system - cell only

Enclosure	fire retardant ABS and steel
Dimensions	16" (40cm) x 14.5" (37 cm) x 5.5" (14 cm)*
	*12" - 30 cm tall with screen up
Weight	(17 lbs) 6.4 kg
Power	100-240 VAC (self-sensing) 50/60 HZ input; 50 watts

Stat Fax 3300 Chemistry Analyzer



Flip-up display screen

shown with optional incubation accessory and external keyboard

***Welcome to a new
generation of
Stat Fax***



**AWARENESS
TECHNOLOGY
INC**

Awareness Technology, Inc. Palm City, Florida USA

Awareness Technology reserves the right to change specifications without notice due to design improvements
Doc. Stat Fax® Model 3300 S2V3 - 05/07

Stat Fax 3300

View kinetic plots in real time



Calculate kinetic results based on the entire read time OR the segment you choose.

Stat Fax 3300 stores patient data

PATIENT REPORT: Capitol Labs

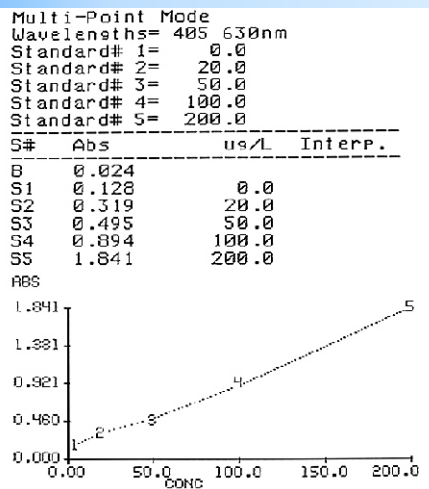
Patient ID: George Brosan

Date Result Interp. Normal Range:

glucose	20/09/02	101.7	NORMAL	60.0 to 110.0
CHOLESTEROL	20/09/02	284.3	ABNORM	120.0 to 250.0
SGOT	20/09/02	28.9	NORMAL	8.0 to 40.0

Create a work list.
Run the tests.
Print Patient Reports.
Output data to:
- On-board 40-column
Thermal printer
- External printer
- PC and LIS.

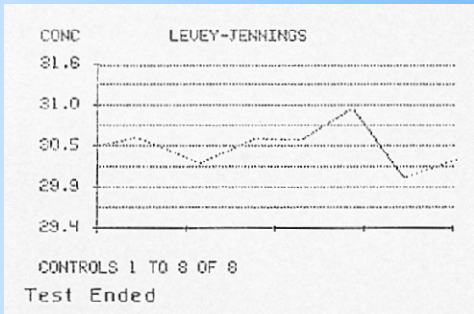
Stat Fax 3300 stores calibrations and standard curves



For each run, choose a new curve or use a stored curve with options to revert to previous curve and to modify multi-point curves.

Stat Fax 3300 stores control values

and offers many QC options to assure linear kinetics and reliable results.



Create Levey-Jennings plots for QC

Optical system temperature controlled to 37°C

Bi-chromatic with 6 filters and spaces for 2 optional additional filters (340-700nm)

Adapts for use with 12mm round tubes, 1cm square cuvettes, or built-in flow cell

Vacuum system speeds sampling and reduces carryover

Calibration traceable to NIST standard

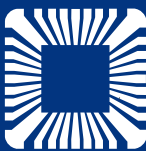
Use the optional external keyboard for easy entry of patient names and data

Use Redi-Check® to monitor accuracy, linearity, and repeatability the easy way

Peltier cell cooling available as an option



Designed and manufactured by
AWARENESS TECHNOLOGY, INC.
A world leader in semi-automatic
biochemistry analyzers
and other instruments.



<http://www.awaretech.com>

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Large 240 x128 pixel
graphical display is
easy to view and use