

STAT LAB2

THE SMART EXPANSION



ANY

**TEST
TIME
WHERE**

Easy , Fast and Reliable

Biochemistry
Analyzer

Turbidimetry

Dry Bath
incubator

TECHNICAL SPECIFICATIONS

OPTICAL SYSTEM

Principle:	Absorption Spectrometry
Range of measurement:	From -0.5 to 3.0 Absorbance unit
Resolution:	4 digits (0.0001)
Accuracy:	± 0.1 %
Optical light source:	6 LED's are used-each in a reading location: A → 340 nm B → 405 nm C → 505 nm D → 546 nm E → 580 nm F → 630 nm
bandwidth:	Less than 10 nm around its peak wave length.
Zero blank:	Automatic
Reading setting:	Mono-chromatic
Optical detector:	Wide-band photo transistor

CUVETTES

Size:	10 x 4 x 45 mm
Minimum volume:	450 uL
Path length:	1 cm

PROGRAMMING

No. of programs:	Up to 10,000 programs
Methods:	Absorbance, Kinetic, Fixed rate, End point, Multi-standards
Editing programs:	Easy editable parameters in a single window
Software:	User friendly and easily updated through web site.

PRINTER

Options:	- External USB printer - Shared (Network) printer - Print to file (*.xps) - Print to fax
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USER INTERFACE

Operating system:	Win XP, Win Vista or Win 7
Display:	10 inches LED True color graphic display
Input:	Laptop, Keyboard and mouse
connections:	USB, LAN and WAN

THERMOSTAT SYSTEM

Regulation:	The three reading locations (A,B and F) are heated to 37 °C
Accuracy:	± 2 °C

DRY BATH INCUBATOR

No. of positions:	6 positions in two groups
Incubation temperature:	Left side incubator block: is used for incubating the cuvettes at room temperature Right thermal block: is used for incubating the cuvettes at 37 °C

POWER & DIMENSIONS

Input Voltage Range:	100-240 V AC
Frequency:	50-60 Hz
Power consumption:	2.3 W max (470mA max at 5V)
Working environment:	10 - 40°C / up to 80% RH
Dimensions:	3 x 19 x 14.5 cm ³
Weight:	0.5 Kg

Clinical Chemistry Reagents

Substrates

Albumin
Bilirubin
Glucose
HB
Cholesterol
HDL/LDL
Total Protein
Micro Protein
Triglycerides
Creatinine
UREA
Uric acid

Enzymes

Amylase
GOT/AST
GPT/ALT
Lipase
CK
CK MB
LDH
GGT
G6PD

Electrolytes

Ammonia
Calcium Arsenazo III
Chloride
Copper
Magnesium
Phosphorus
Potassium
Sodium
Iron
Zinc

Turbidimetric Reagents

Ferritin
Cystatin C
Microalbumin
ASOT
CRP
RF
HbA1c

