



Laboratory Equipment

Sign with Confidence



AWARNESS
TECHNOLOGY, INC.

STAT FAX®
AWARNESS TECHNOLOGY, INC.

PRODUCT CATALOG

MADE IN USA

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 AWARENESS[®]
TECHNOLOGY, INC.



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



CHROMATE® 4300

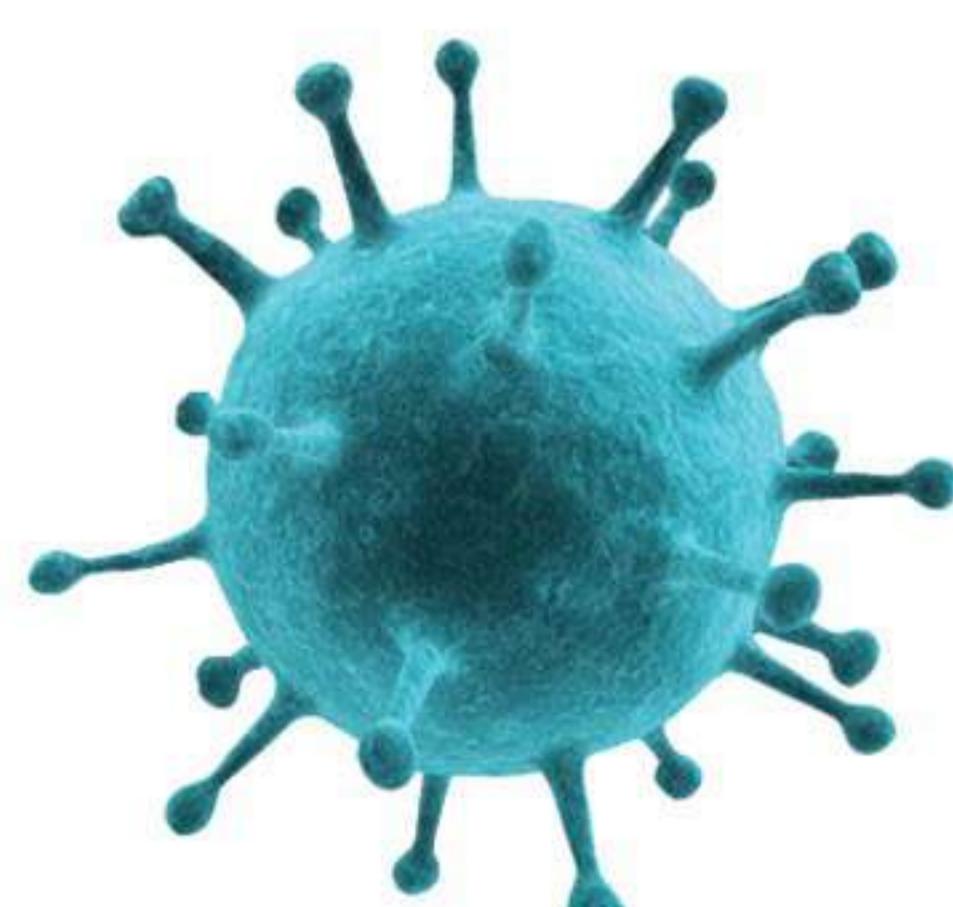
ELISA 96 well Microwell plate reader



sales@aretech.com

Features of the Chromate®

- ◆ Economical open system & compact design
- ◆ Reads an 96 microwell plate in 12 seconds
- ◆ Multiple calculation modes
- ◆ Dependable performance
- ◆ Custom filter configurations available
- ◆ Intuitive software, designed for ease of use



Chromate® is a powerful yet compact 8-channel microwell plate reader which features: Precision optics, user-programmable assays, standard four filter model (405, 450, 492, and 630 nm) with (optional) six filter VIS model.

Chromate® is an open system and may be used to read most microwell based ELISA kits.

Once installed, Chromate® management software comes preconfigured to interface with your PC and the Chromate® analyzer via a high-speed USB connection.

The Chromate® with your PC provides the rapid reading of 96 well microwell plates or individual microwell strips, customizable reports, calibration curve fit, and unlimited data storage to meet the requirements of the modern laboratory.

CHROMATE®

4300 Microplate Reader Specifications

Optical measurement range	0.0 to 4.0 absorbance units (A)
Photometric accuracy	± (1% of the reading +/-0.010)from 0 to 1.5 ABS) ± (2% of the reading +/-0.010)from 1.5 to 3.0 ABS)
Stability	Drift of no more than 0.005A in 8 hours
Light source	Halogen lamp source with lamp saver feature
Wavelengths	Standard: 405, 450, 492, and 630 nm Optional 6-filter: 405, 450, 492, 545, 600, and 630 nm (must be ordered at time of manufacturing) Filter options from 405 nm to 700 nm
Filter Type:	IAD hardcoat interference, 10 nm half bandpass
Vessel:	Standard 96-well microwell plates, or strip trays
Power Requirements:	100V or 240V AC, 70W, 50-60Hz (auto-sensing)
PC connection:	USB Port
Speed:	Reads absorbances of 96 wells in about 12 seconds
Plate Transport:	Stepper motor
PC interface with Chromate	Manager software - included. (PC not included)
Calculation Modes:	Single point calibration, point-to-point curve fit, polynomial regression, linear and sigmoidal regression (log & linear), cutoff absorbance, multi-point % absorbance
Additional Features:	User-programmable open system, selectable plate formatting, alpha numeric test naming, automatic interpretation options, duplicate well options, curve plotting and editing, flags and error messages
Certifications:	NRTL Listed, CE Mark Awareness Technology Quality System is certified under ISO 13485:2016
Enclosure:	All metal enclosure
Dimensions:	Approx. 7.5x8.0x16.5 (19x20.3x42cm) Weighs 10 lbs. (4.5kg)



Dri-Dye® Check Strips

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



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Founded in 1982, Awareness Technology, Inc. located in Palm City, FL, USA is known as a worldwide leader in clinical laboratory instruments and diagnostic kits for the low to medium throughput lab.

Awareness Technology products are used primarily in IVD but also life science research, food safety, veterinary, and environmental applications. Specializing in Immunochemistry Biochemistry, and Electrolytes, Awareness Technology manufactures automated and semi-automated systems with emphasis on quality, reliability, & economy. Products include chemistry analyzers, microplate equipment, and an assortment of ELISA + CLIA specialty kits and instruments. Everything is designed and manufactured in Florida under ISO 13485:2016 guidelines.

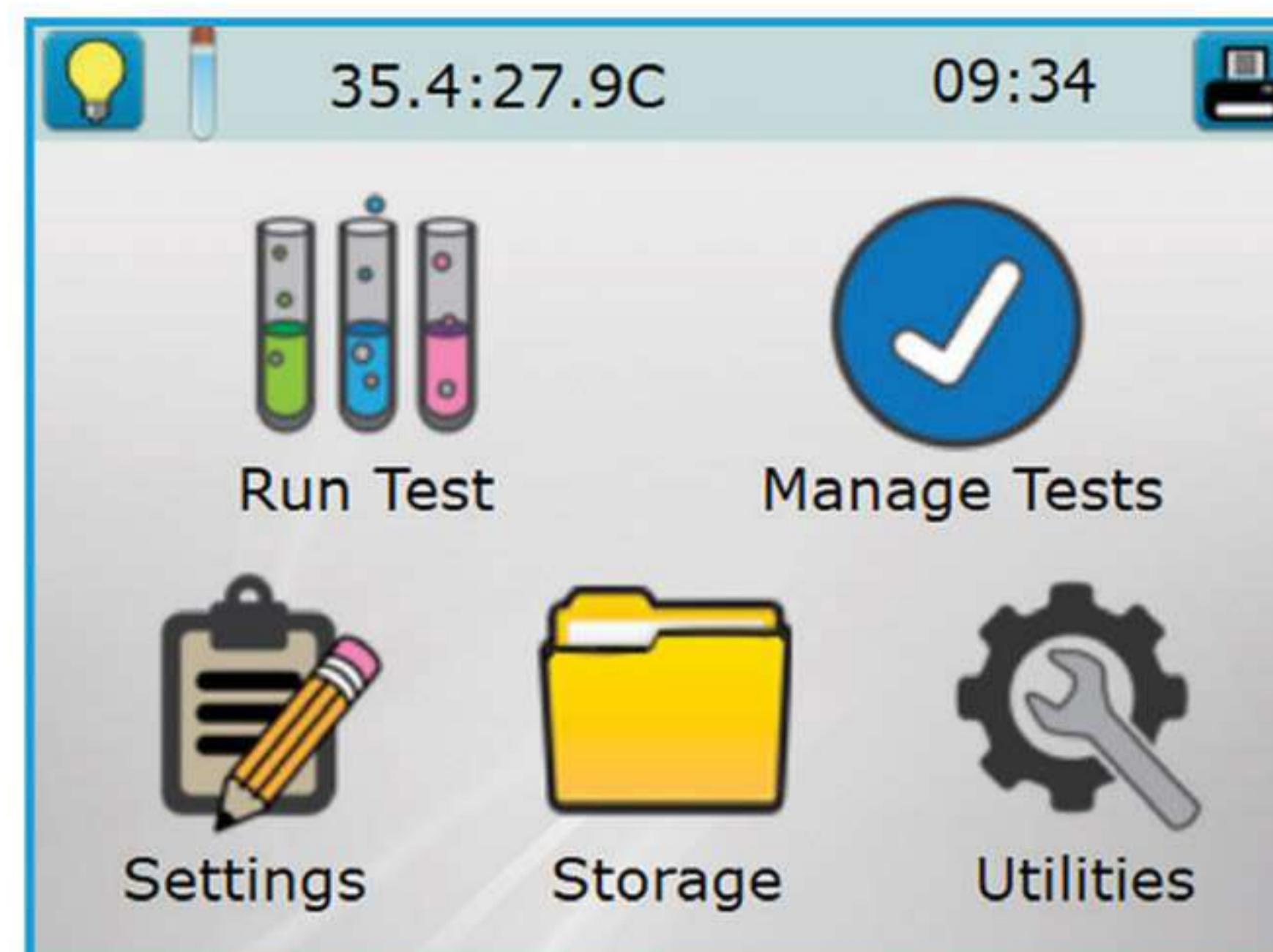
In addition, the company cooperates with industry customers who need open or closed systems, designed and manufactured to custom specifications, OEM, or private labeling. We look forward to providing the products and services you need to meet your business goals.

www.awaretech.com

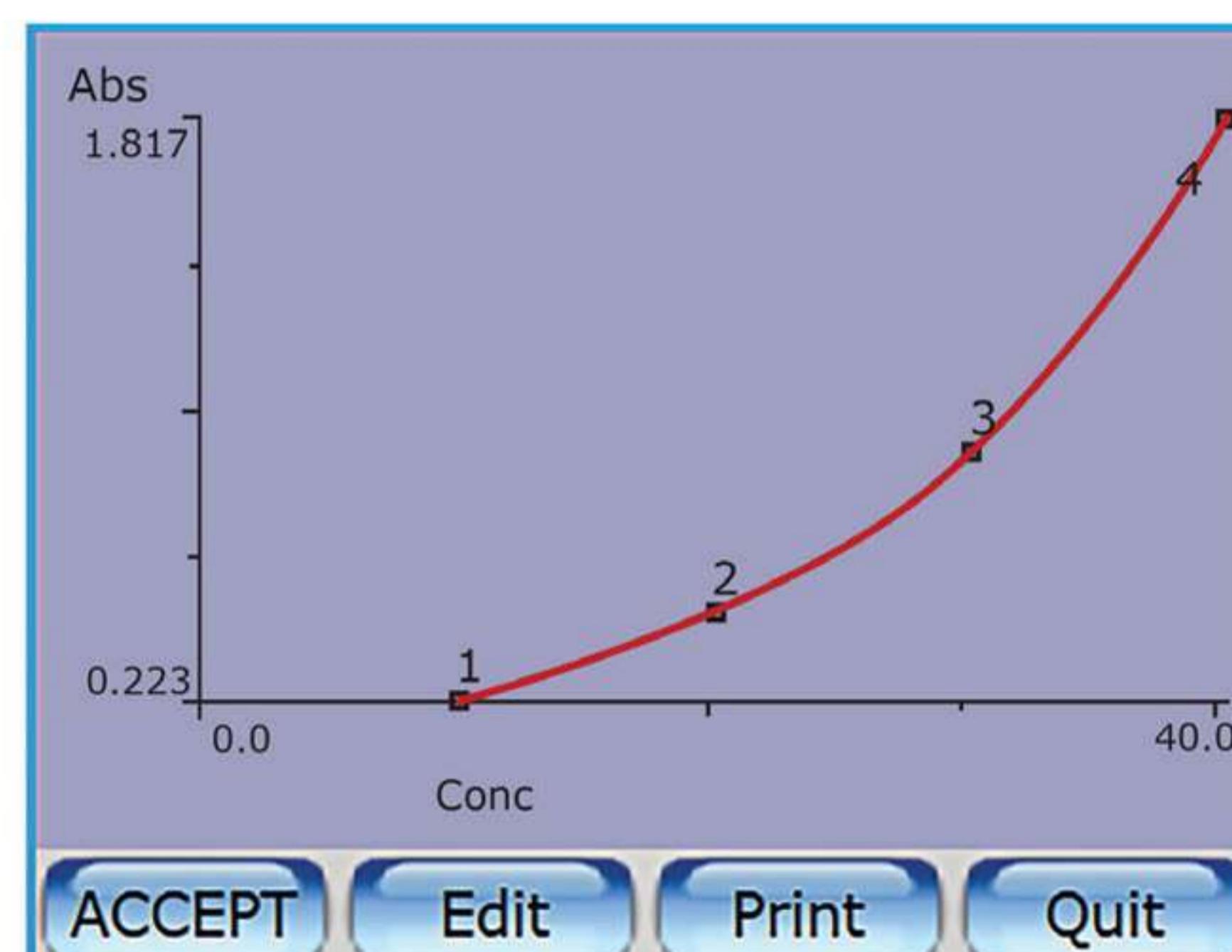


(See page 2 for further details)

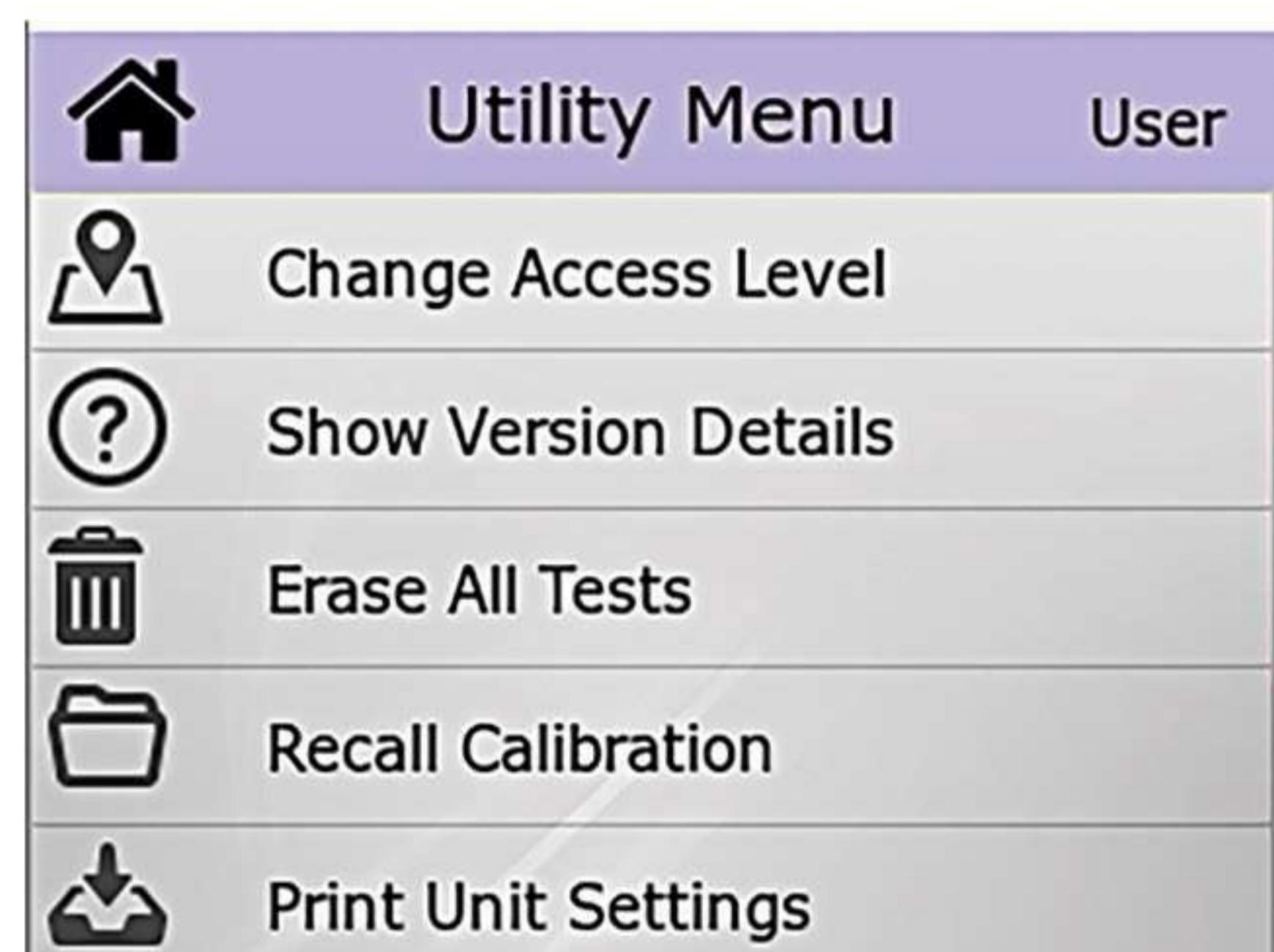
Great News For Stat Fax® 4500 Biochemistry Analyzer



Updated interface for easy navigation



High resolution capacitive touch display



Simple to use graphically driven utilities

Stat Fax® 4500 has been upgraded.

- Capacitive touch screen
- Graphical user interface
- No need for a stylus
- Customizable splash screen
- Faster refresh times between screens
- Same accurate and reliable results

Semi-automated Analyzers For ELISA & CLIA

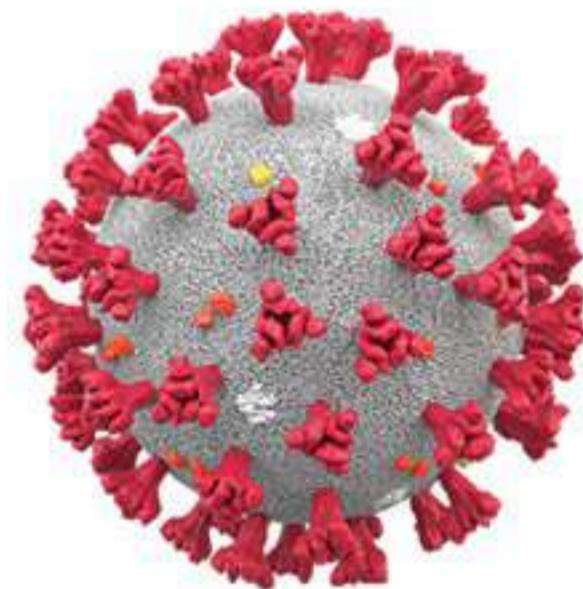
ELISA Analyzers

User programmable open systems for microwell based ELISA (enzyme-linked immunosorbent assay)

Stat Fax® 4200

Catalog Number 4200

- Stand-alone ELISA microplate reader
- Measures Absorbance of 96 wells in 12 seconds
- Multiple common calculations available on board
- Touch-screen display and built-in printer
- User programmable test menu
- Monochromatic or bichromatic reading
- Four filter model (405, 450, 492, 630 nm)
- Optional additional filters for six filter VIS model



Stat Fax® 4300

Catalog Number 4300

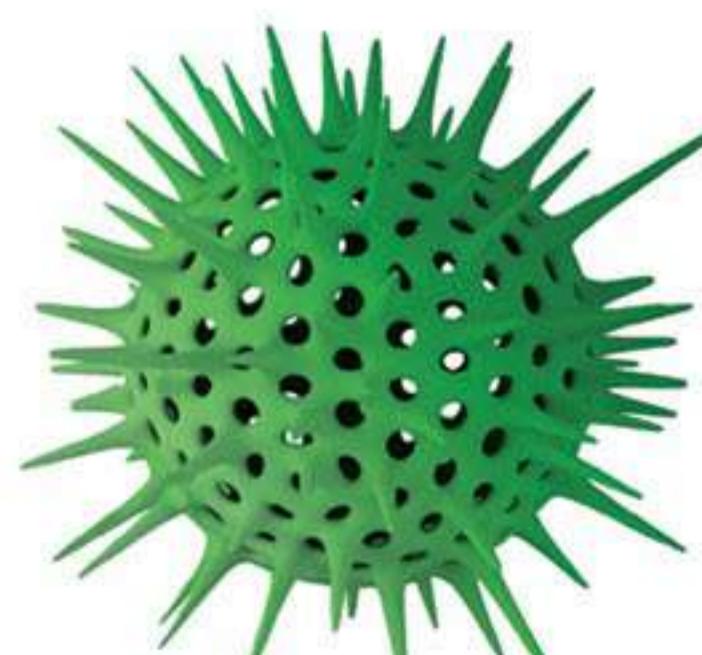
- PC-controlled ELISA 8-channel microplate reader
- Measures Absorbance of 96 wells in approximately 12 seconds
- Automatically positions plate, blanks, reads & calculates results
- User-friendly intuitive software interface
- Use with your own PC
- 4 standard filters (405, 450, 492, 630 nm)
- Optional additional filters for six filter VIS model
- Software compatible with Microsoft® Windows®



Stat Fax® 4700

Catalog Number 4700

- Stand-alone ELISA strip reader
- Microstrip reader with bi-chromatic photometer system, works with both break-apart and non-break-apart strips
- Auto-Track™ feature reads up to 3 strips automatically
- Capacitive touch-screen display and built-in printer
- Four filter model (405, 450, 492, 630 nm)
- Optional additional filters for six filter VIS model



CLIA Analyzers

User programmable open systems for microwell based CLIA (chemiluminescent immunoassay)

Stat Fax® 4400

Catalog Number 4400

- PC-controlled CLIA microplate luminometer
- Glow luminescence detection with photomultiplier
- User-friendly intuitive software interface
- Reads 96 wells in opaque strip or plate
- Several advanced calculating modes



Stat Fax® 4900

Catalog Number 4900

- Stand-alone CLIA microwell strip luminometer
- LumiStat Auto-Track™ feature reads all 3 strips automatically
- 3-position strip carrier reads in break-apart, 8 or 12-well strips
- Touch-screen interface with built-in printer
- Glow luminescence detection
- Reports RLU or concentration



ELISA/CLIA Supportive Equipment

Stat Fax® 2600

Microplate Washer
Catalog Number 2600



- Stand-alone ELISA/CLIA washer
- Automatic precision washing of microplates and microstrips with flat or round bottom wells
- Automatic calibration & alignment
- Electronic level sensing on wash, rinse, and waste bottles
- Operation time for one microplate single washing: 55 seconds
- Programmable automatic rinse cycle, Stores 50 wash programs
- Optional additional bottle



Stat Fax® 2200

Microplate Dry Bath
Catalog Number 2200



- Stand-alone microplate Dry Bath for ELISA or CLIA plates
- Ambient to 40°C
- Compact and easy to use
- Capacity: 2 standard 96 well microplates or strip trays, round or flat bottom wells
- Microprocessor control for temperature and mixing speed from (575 to 1500 rpm)
- Cover to protect from light and dust
- Digital time setting, time countdown on display
- Audible signal timer

Semi-automated Analyzers For Biochemistry

Semi-automated Biochemistry Analyzers

User programmable open systems for biochemistry application:
End-point, kinetic, colorimetric and turbidimetric assays

Stat Fax® 4500



Catalog Number 4500

- Stand-alone Biochemistry Analyzer for endpoint and Kinetic assays
- Use flowcell or remove to read square cuvettes, round tubes,
- Built-in 37°C incubation block with 12 stations
- Capacitive touch-screen display and built-in printer
- 6 filters (340-630 nm)
- Customizable filter wavelengths available
- Plotting and editing reaction graphs, calibration curves
- Non-volatile memory for storage of 120 programmable tests, and results
- USB Connection to PC with SF Capture software

Stat Fax® 3300



Catalog Number 3300

- Stand-alone Biochemistry Analyzer
- Removable flow cell for reducing reagent consumption
- Optical system is temperature controlled to 37°C
- Large LCD display and built-in printer
- Kinetic plots in real time on LCD display
- 6 filter wheel (340-630 nm)
- Customizable filter wavelengths available
- 2 optional filter positions
- Optional external incubator block at 37°C - 18 positions
- Single or multi-point calibration, Levey-Jennings
- Non-volatile memory stores up to 500 patient results
- Stores 120 programmable tests in memory

Stat Fax® 1904



Catalog Number 1904

- Stand-alone Biochemistry Analyzer
- Measures absorbance or concentration
- Reads and calculates the results of endpoint and kinetic colorimetric clinical assays
- Built in 37°C incubation block with 12 stations
- 6 filter wheel (340-600 nm)
- Single or multi-point calibration
- Non-volatile memory storage for 60 tests
- Calibration curve storage

Calibration Verification

QC for use in semi and fully automated analyzers



Redi-Check® Photometer Q.A. Check Set

Catalog Number E305

- Use to verify absorbance calibration, precision and linearity in order to assess photometer performance
- Package contains instructions, calibration records, linearity plots, repeatability charts, technical data sheet, 4 colored solutions and 2 dilution buffers
- Verified and traceable to NIST
- Wavelength performance at 340, 380, 405, 415, 490-492, 505, 545-550, and 600 nm



Dri-Dye® Check Strips for ELISA Microstrip and Microplate Readers

Catalog Numbers E002-405, E002-450, E002-492

- Method for verifying calibration and performance of microplate and microstrip readers
- Strips are used to verify proper accuracy, precision and linearity
- Pre dispensed Wells contain precise quantity of dried chromophore
- Wells are rehydrated using 200 µL of DI water. Automatically corrects for imprecision in water pipetting
- Wavelengths available 405 nm, 450 nm, and 492 nm
- Package contains 6 check strips, a strip tray, instruction sheet, calibration record sheet, 6 linearity plots.



ChemWell®
AWARENESS TECHNOLOGY, INC.

The Ultimate In Flexibility.



ChemWell® 2910 ELISA/Biochemistry

Catalog Number 2910

- PC-controlled fully automated ELISA/biochemistry Analyzer
- Automated programmable capabilities: reagent dispensing, pre-dilutions, timed incubation & colorimetric reading, mixing, washing
- Processes endpoint or kinetic reactions in ELISA microwell plates
- 4 channel optical system, 8 filter wheel (340-700 nm)
- Customizable filter wavelengths available
- Plate/Well Integrated thermostat 25°C, 37°C, ambient
- Reactions take place in standard plastic microwells/strips
- Applications in clinical and veterinary testing; environmental testing, analysis of food and water; and life science research
- QC Tracking SW enables controls and calibrators to be tracked using Levey-Jennings graph
- Optional Reagent Cooling Accessory (RCA)
- Optional Laptop Arm
- Barcode option



ChemWell® Fusion ELISA/CLIA (Chemiluminescence)

Catalog Number 4800

- PC-controlled fully automated ELISA/CLIA Analyzer
- Microwell CLIA and ELISA assays occur on the same device and the same plate
- Reactions take place in standard plastic microwells/strips, opaque for CLIA and transparent for ELISA
- Absorbance 4 filter wheel (405, 450, 492, 630 nm)
- Patented dual-function reader, which automatically switches between absorbance and chemiluminescence reading
- User-programming of a wide range of fluorescent test systems and standard colorimetric ELISA tests, with multiple calculating options
- QC Tracking software enables controls and calibrators to be tracked using Levey-Jennings graph
- Performs dilutions and pre-dilutions; dispense volumes range from 2 µL to 1.95 mL
- Optional Laptop Arm
- Barcode option



ChemWell® US ELISA Analyzer

Catalog Number 2910US

- PC-controlled fully automated ELISA processor
- A partially closed system
- FDA Cleared (K181514) for use with SeraQuest/ReQuest assays
- Single 96 well microwell reaction plate
- No need for uniform timing when batching assays
- Absorbance 4 filter wheel (405, 450, 492, 630 nm)
- User-programming of a wide range of assays, with multiple calculating options
- QC Tracking SW, Levey-Jennings graph
- Performs dilutions and pre-dilutions; dispense volumes range from 2 µL to 1.95 mL
- Optional Laptop Arm
- Barcode option



ChemWell® 2 True Two-Plate ELISA/CLIA

Catalog Number 5100

- PC-controlled fully automated Two-plate ELISA/CLIA Analyzer
- Two 96 well microwell plates
- No need for uniform timing when batching assays
- Absorbance 4 filter wheel (405, 450, 492, 630 nm)
- 4 optional filter positions available
- User-programming of a wide range of assays, with multiple calculating options
- Positive patient ID barcode scanning
- QC Tracking software, Levey-Jennings graph
- Performs dilutions and pre-dilutions; dispense volumes range from 2 µL to 1.95 mL
- Use of Optional disposable liquid sensing probe tips
- Optional Laptop Arm (shown)

Automated Biochemistry

User programmable open systems for biochemistry application:
End-point, kinetic, colorimetric and turbidimetric assays

Also available as closed systems, inquire about ChemWell iCS
Integrated Chemistry Systems. See page 7 for details.

ChemWell® -T



Catalog Number 4620
Optional bar code reader 046040

- PC-controlled fully automated turbidimetric biochemistry analyzer
- Maximum throughput of up to 100 tests per hour
- Fully automated dilutions, pre-dilutions, dispensing single or multiple reagents, mixing
- QC Tracking software enables controls and calibrators to be tracked using Levey-Jennings graph
- Minimum & maximum reaction volume: 240µl - 700µl
- Plotting and editing reaction graphs, calibration curves, including kinetic reactions
- Maximum number of reagents/samples combined is 35 in standard rack, customizable racks to optimize the process efficiency
- 6 filter wheel (340-630 nm) and 2 empty positions for future use
- Integrated reagent cooling block
- Universal Rack included
- Barcode option

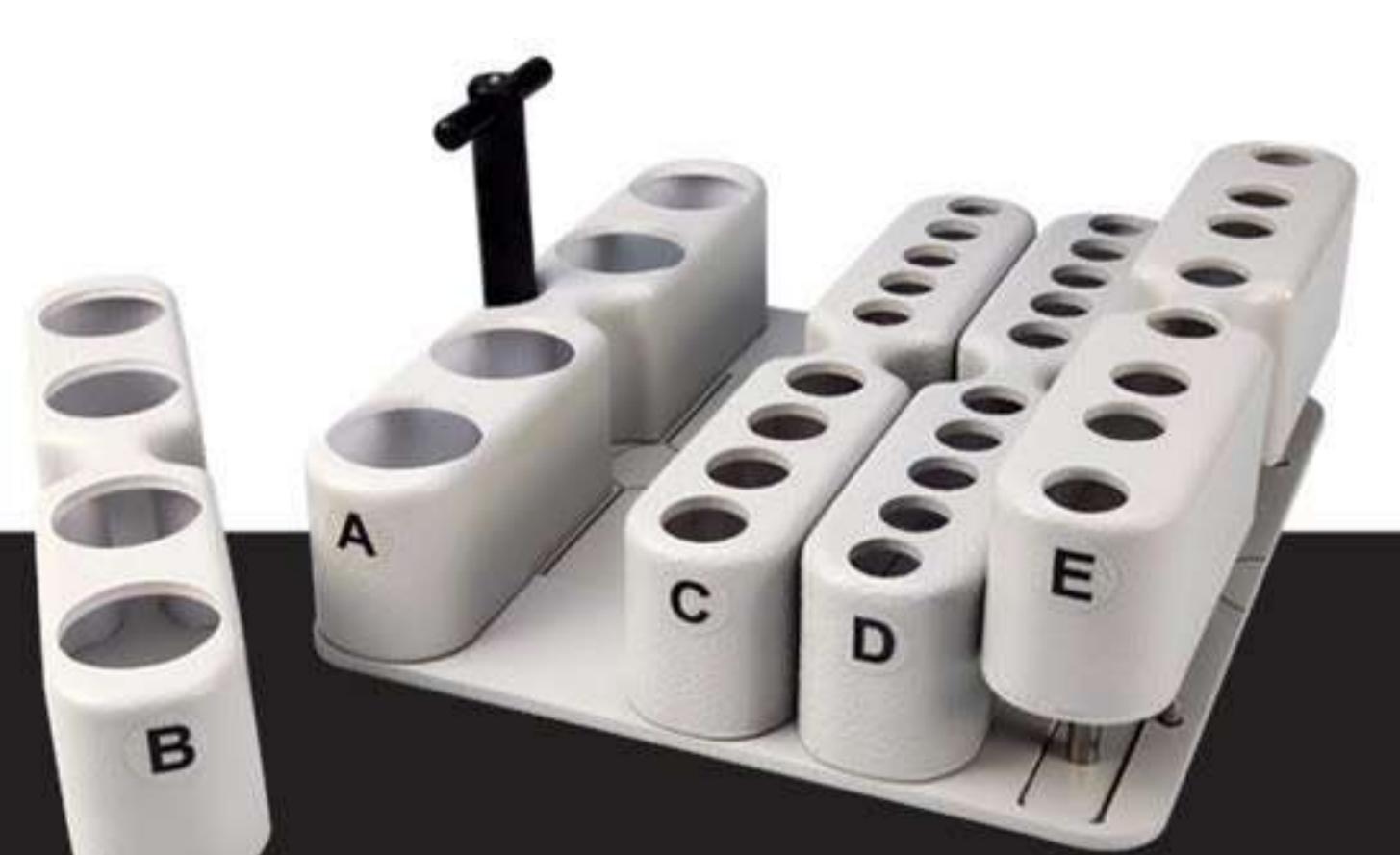
Integrated Rack for: ChemWell® -T



Catalog Number 994328SP (without bar code)
994327SP (with bar code)

- Insulated reagent and sample rack
- Available with or without bar code
- 28 spaces for reagents and 20 spaces for samples (without bar code)
- 28 spaces for reagents and 16 spaces for samples (bar coded)
- Reagent and sample spaces are numbered

Universal Rack for: ChemWell® -T

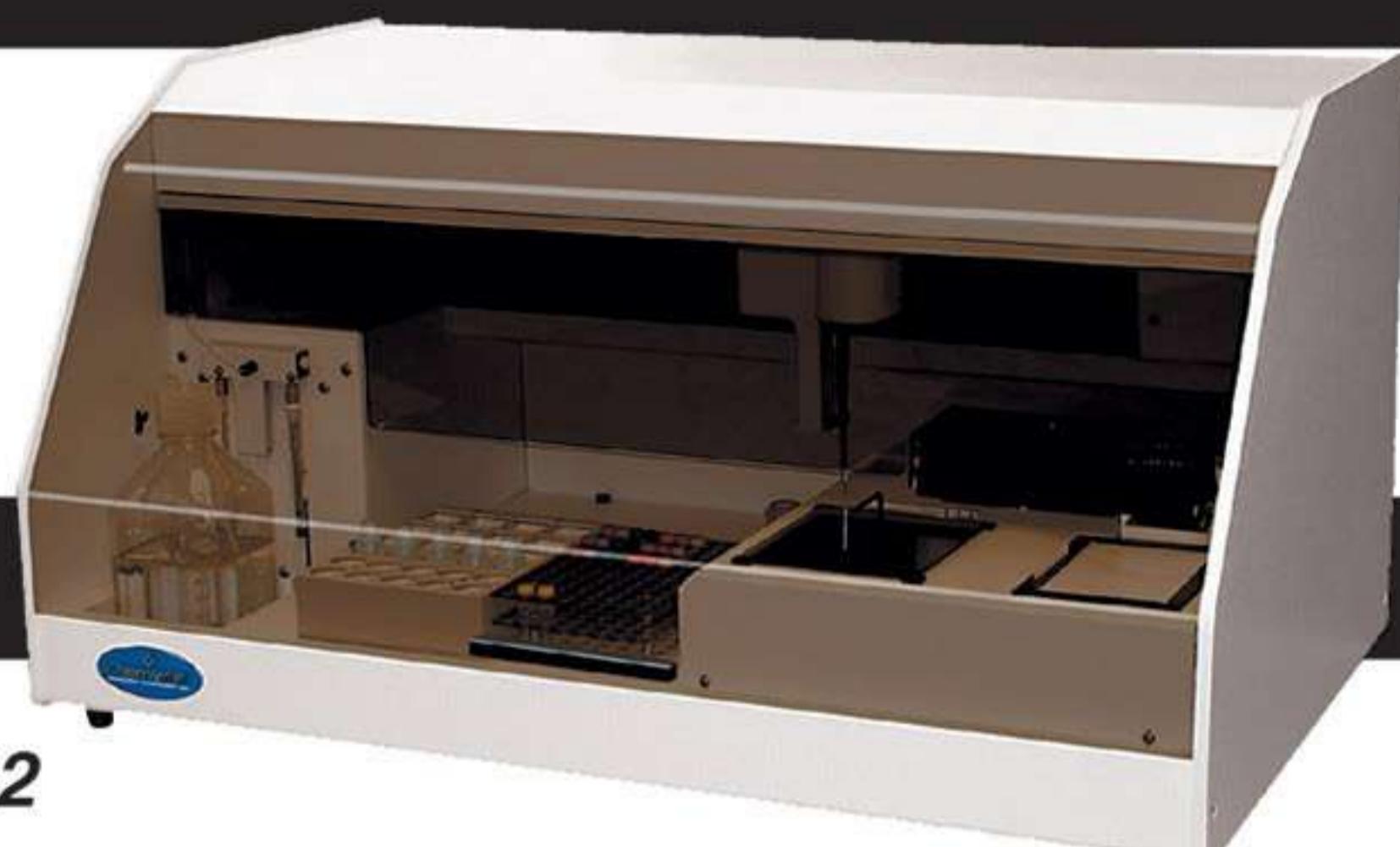


Catalog Number 994320SP comes with Rack Sectors A-F

- Additional Rack Sectors may be ordered
- "A" Rack Sector Holds 4 x 30 ml Tubes
- "B" Rack Sector Holds 4 x 15 ml Tubes
- "C" Rack Sector Holds 9 Tubes of Mixed Sizes
- "D" Rack Sector Holds 12 x 75 ml 10 Tubes
- "E" Rack Sector Holds 8 x 100 ml Tubes
- "F" Rack Sector Holds 22 1.2 ml vials

994336SP
994337SP
994339SP
994338SP
994334SP
994333SP

ChemWell®



Catalog Number 2902

- PC-controlled fully automated biochemistry analyzer
- Biochemistry Reactions take place in standard 96 uncoated microwell plates or microwell strips at 37° C
- Maximum number of specimens: 96 (including calibrators and controls)
- Maximum number of reagents: Racks available for 27 or 44 (reagents can also be programmed to go to the sample rack)
- Automated plotting and editing of reaction graphs, calibration curves, including kinetic reactions
- Maximum throughput of 200 tests per hour (test dependent)
- QC Tracking options, using Levey-Jennings
- 8 filter wheel (340-700 nm)
- Customizable filter wavelengths available
- Applications in clinical and veterinary testing, environmental testing, analysis of food and water, and life science research
- Optional Reagent Cooling Accessory (RCA)
- Barcode option

Reagent Cooling Accessory (RCA)



Catalog Number 029040 (220 Volt)
029041 (110 Volt)

- Compatible With ChemWell® 2910 and 2902
- Insulated reagent racks: 27 position rack standard, 44 position rack optional
- Maintains reagents at 12°C to 15°C below ambient
- Automatic thermal control
- Protects reagents in high-temperature environments, improving longevity of stock and reliability of results



Plate Seal Accessory

Catalog Number 2999

- Recommended for automatic ELISA processing when the manual test instructions indicate sealing or covering the plate during one or more of the incubation steps
- Designed as an optional factory installed accessory for ChemWell analyzers
- Replaces the need for foils or seals with an automated mechanical seal
- (Ordered at time of ChemWell purchase) 29XX, 48XX



ReQuest® ELISA Kits



ReQuest® ELISA Kits by: Awareness Technology, Inc.

Microwell-based ELISA immunodiagnostic kits, 96 tests per kit in break-apart strips. Each Kit includes calibrator and quality controls.



Manufactured under ISO 13485:2016
and FDA guidelines

- **Childhood diseases**
- **Epstein-Barr virus**
- **TORCH panel**
- **Autoimmune panel**
- **Infectious diseases**

**HSV Type I and HSV Type II
Now FDA Cleared**

Markers for Infectious Diseases

Measles IgG Catalog Number 01-190

- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to Measles virus

Measles IgM Catalog Number 01-190M

- ELISA capture method for the qualitative determination of IgM class antibodies to Measles virus

Mumps IgG Catalog Number 01-200

- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to Mumps virus

Mumps IgM Catalog Number 01-200M

- ELISA capture method for the qualitative determination of IgM class antibodies to Mumps virus in human serum

VZV IgG Catalog Number 01-180

- ELISA for the qualitative and semi-qualitative detection of human IgG antibodies to varicella-zoster virus

Serological Markers for TORCH

TOXO IgG Catalog Number 01-120

- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to toxoplasma gondii

TOXO IgM Catalog Number 01-130

- ELISA for the qualitative and semi-quantitative detection of human IgM antibodies to toxoplasma gondii

Rubella IgG Catalog Number 01-100

- ELISA for the qualitative and semi-quantitative determination of human IgG antibodies to rubella virus

Rubella IgM Catalog Number 01-110

- ELISA for the qualitative or semi-quantitative determination of IgM antibodies to rubella virus

CMV IgG Catalog Number 01-140

- ELISA for the qualitative and semi-qualitative detection of human IgG antibodies to cytomegalovirus

CMV IgM Catalog Number 01-150

- ELISA for the qualitative and semi-qualitative detection of human IgM antibodies to cytomegalovirus

HSV 1&2 IgG Catalog Number 01-160

- ELISA for the qualitative and semi-qualitative detection of human IgG antibodies to type 1 and type 2 herpes simplex virus

HSV IgG 1 Catalog Number 01-410

- ELISA for the qualitative detection of human IgG antibodies to type 1 herpes simplex virus

HSV IgG 2 Catalog Number 01-420

- ELISA for the qualitative detection of human IgG antibodies to type 2 herpes simplex virus

Markers for Bacterial Infections

Syphilis IgG Catalog Number 01-580

- ELISA for the qualitative detection of human IgG antibodies to treponema pallidum in human serum

H. Pylori IgG* Catalog Number 01-550H

- ELISA for the qualitative detection of IgG antibodies to Helicobacter Pylori in human serum
- * Non-US market, Not available in the USA

Markers for Epstein-Barr Virus

EBV-NA IgG Catalog Number 01-460

- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to Epstein-Barr virus nuclear antigen

EB-VCA IgG Catalog Number 01-470

- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to Epstein-Barr viral-capsid antigen

EB-VCA IgM Catalog Number 01-480

- ELISA for the qualitative detection of human IgM antibodies to Epstein-Barr viral-capsid antigen

EBV-EA-D IgG Catalog Number 01-490

- ELISA for the qualitative detection of human IgG antibodies to Epstein-Barr virus early antigen

Autoimmune

ANA Screen Catalog Number 01-310H

- ELISA for the qualitative screening of human antibodies to Antinuclear Antibodies to aid in the diagnosis of certain systemic rheumatic diseases

ENA Plus Catalog Number 01-330H

- ELISA for the qualitative screening of human antibodies to Extractable Nuclear Antigens to aid in the diagnosis of certain systemic rheumatic diseases

Anti ds-DNA Catalog Number 01-210

- ELISA for the qualitative and quantitative detection of human IgG antibodies to dsDNA to aid in the diagnosis of systemic lupus erythematosus

Anti SSA Catalog Number 01-250

- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to SSA to aid in the diagnosis of Sjogren's syndrome

Anti SSB Catalog Number 01-260

- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to SSB to aid in the diagnosis of Sjogren's syndrome

Anti Sm Catalog Number 01-230

- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to Sm to aid in the diagnosis of lupus erythematosus

Anti Sm/RNP Catalog Number 01-240

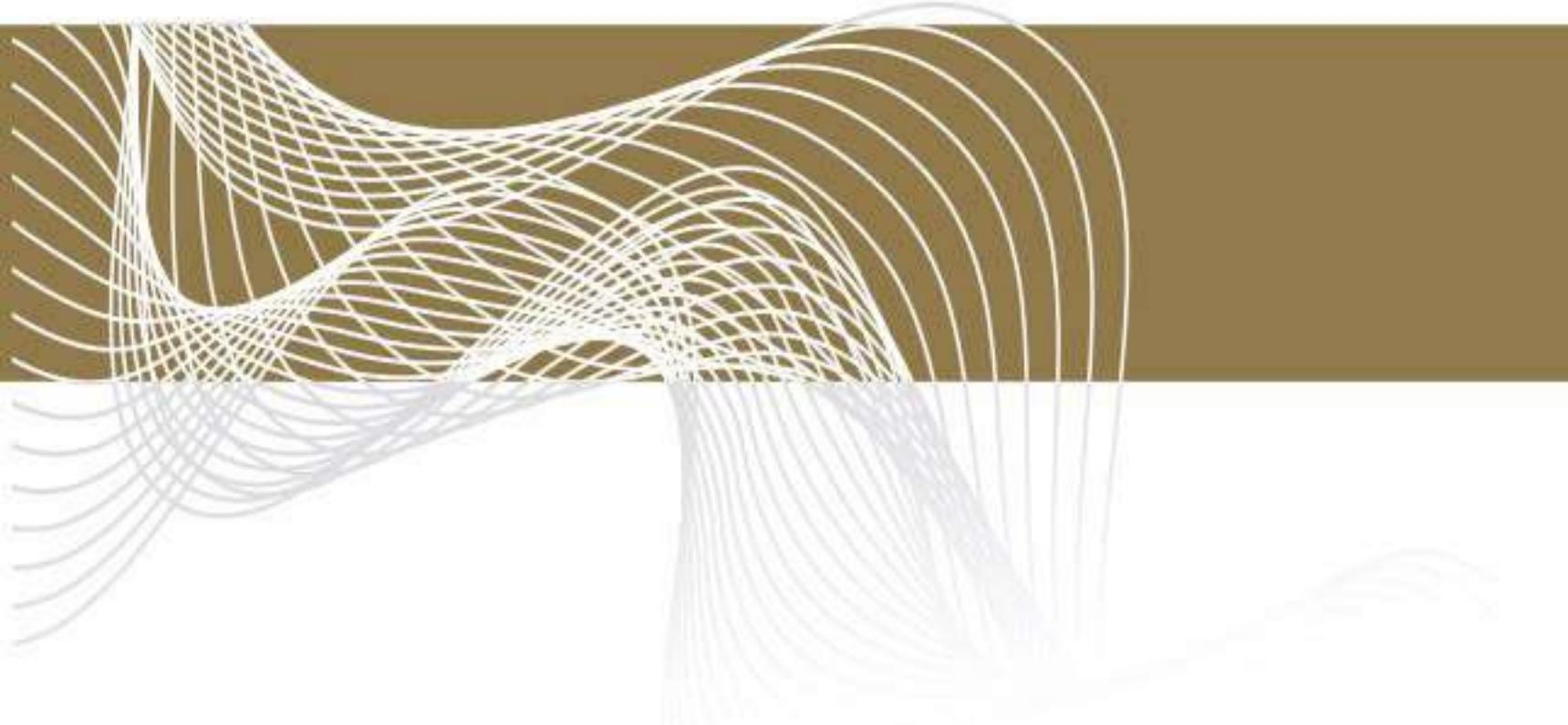
- ELISA for the qualitative and semi-quantitative detection of human IgG antibodies to Sm/RNP to aid in the diagnosis of mixed connective tissue

VESTA TAJHIZ PART

Laboratory Equipment



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Thank you for your interest in Awareness Technology's products.

Since 1982 we have built upon our experience developing and manufacturing products for the clinical, environmental, and research markets. Awareness Technology, Inc. has a proven track record of helping people find successful solutions to their laboratory and business needs. We do this by respecting each client as a valuable partner, assessing their unique objectives, and then suggesting optimized products and services to achieve results.

We are eager to serve you. Whether you require new products, private labeling, customization of existing products, or would simply appreciate professional advice to enhance your product selection, please give us the opportunity to assist.

Sincerely,

Mary Freeman
President, Awareness Technology, Inc.



Laboratory Equipment



AWARENESS
TECHNOLOGY, INC.

وستا تجهیز پارت

نشانی: تهران، جردن، ناهید غربی، پلاک ۵۷، ساختمان وستا

تلفکس: ۰۲۱-۷۲۸۰۱ کد پستی: ۱۹۶۹۱۶۱۳۱

ایمیل: info@vestalab.ir



PRODUCT CATALOG

MADE IN USA

www.vestalab.ir