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ChemWell® 2902

Programmable Open System

Fully Automated Biochemistry Analyzer

Deliver Biochemistry Results With Confidence

AWARENESS® TECHNOLOGY, INC.

Fully Automated Biochemistry Programmable Analyzer

Typical throughput	Up to 200 endpoint reactions per hour, up to 170 kinetic reactions per hour
Typical reaction Volume	200 µL or less
Min. and Max. pipetting volume	2 µL - 1.95 mL
Precision for volumes <5 µL	<2.5% CV
Precision for volume >5 µL	<1% CV
Maximum number of specimens	96 (including calibrators and controls)
Maximum number of reagents	Typically 27 to 44
Standard reagent rack	27 positions, other configurations optional
Reaction vessel	Standard microwell plates or strips
Thermal control	Well, probe, and tubing; ambient or 37˚ C (other options available)
Reagent cooling	RCA, Reagent Cooling Accessory (optional) cools 10˚ to 15˚ C below ambient through Peltier thermoelectric modules connected to an external controller
Optical design	Reads absorbance in four channels simultaneously User-selected monochromatic or bichromatic results 8 position filter wheel : 340 nm - 700 nm
Calculation modes	Single standard, factor, fixed time kinetics, kinetics by standard or factor, multi-calibrator point-to-point, linear regressions, log-logit, cubic spline, and nonlinear regressions (curve fit)
Photometric Accuracy	± (1% of the reading +0.005 A from 0 to 1.0 A) ± (2% of the reading +0.005 A from 1.0 to 3.0 A)
Dimensions & Weight	66 cm W x 51 cm L x 40 cm H Approx. weight = 35 kg 34" W x 20" L x 16" H Approx. weight = 77 lbs

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ISO 13485:2016

MADE IN U.S.A.