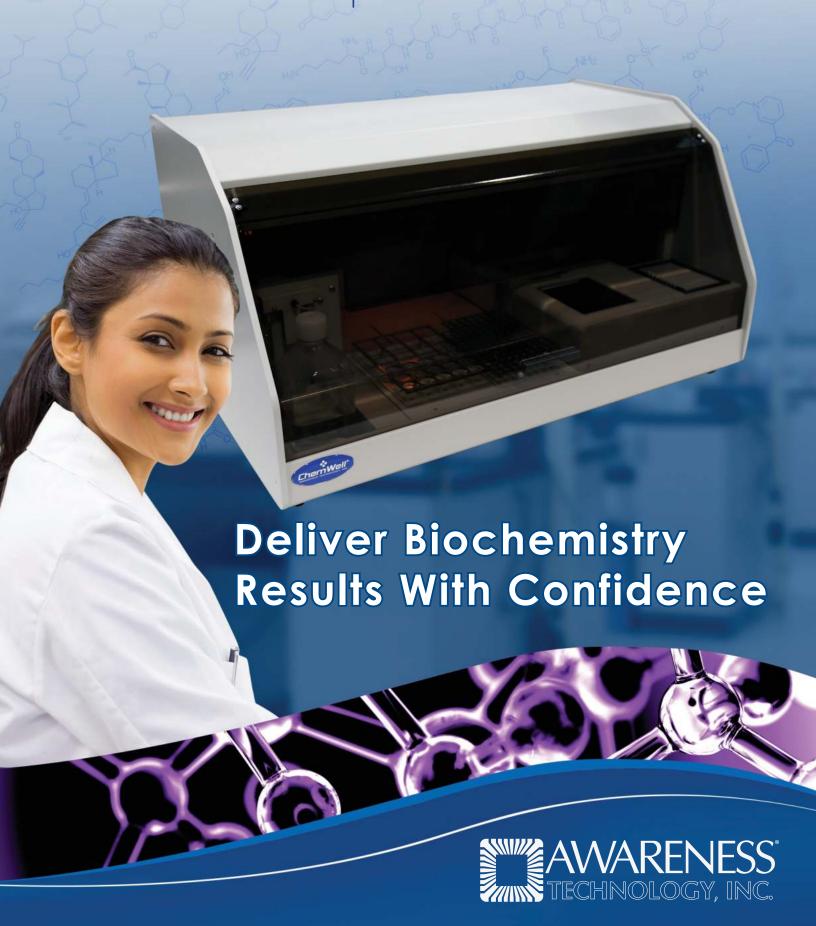
www.awaretech.com

## ChemWell® 2902

**Programmable Open System** 

**Fully Automated Biochemistry Analyzer** 



## 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  $\mu$ L or less Min. and Max. pipetting volume 2  $\mu$ L - 1.95 mL Precision for volumes <5  $\mu$ L <2.5% CV Precision for volume >5  $\mu$ L <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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