

Olympus AU2700



Analytical System	Fully automated, random access chemistry system with STAT capability, Urine and homogenous Immuno Assays.
Analytical Methods	Endpoint, kinetic rate, fixed rate, optionally ISE
Simultaneously Processed Analytes	48 photometric tests + 3 ISE
Throughput	1,600 photometric test/hour; 2,700 samples/hour with ISE
Sample Feeder	Racks with 10 samples each (barcodes on primary tubes and on racks); capacity of 300 samples; continuous loading
Sample Tubes	Primary and Secondary tubes; diameter from 11.5 to 16 mm; height from 55 to 102 mm
STAT Samples	22 user-definable for STAT, QC, Cal, routines, enclosed and refrigerated. Auto repeat run capability. Bar-coded primary tubes.
Sample Volume	1-25 µl in 0.1 µl increments [1 µl for repeats]
Reagent Volume	R1: 15-250 µl; R2: 15-250 µl [1 µl increments]
Reagent Supply & Storage	R1 = 48, R2 = 48; holds 15, 30, 60, 120ml bottles; refrigerated (4°C-12°C)
Total Reaction Volume	120-430 µl
Reaction Cuvette	Nondisposable glass cuvette
Reaction Time	Up to 8 min. + 20 sec.
Reaction Temperature	37°C, dry bath
Mixing Method	With rotating paddles after dispensing sample and reagent
Photometry System	Direct assay through the reaction cuvette (0-3.0 OD) mono and bichromatic measurements possible
Wavelength	13 different wavelengths between 340 – 800 nm
Cuvette Cleaning	Comprehensive cleaning with detergents
Calibration	Auto calibration; cooled calibrator positions
Quality Control	Auto QC, cooled QC positions
Test Requisition	Individual and profile test requisition via on-line, mouse, function keys or touch screen
Sample Integrity	Sample clot detection and probe crash protection
Online	Full uni- and bidirectional communication possible
Software	Windows 2000
Dimensions (W x H x D) mm	ANL: 2,000 x 1,000 x 840
Power Supply	Toshiba 1600XP 6.0kVA