

Refurbished AU Systems

by Carolina Liquid Chemistries

- One-year warranty
- Barcoded ready-to-use reagents (most reagents)
- Service contracts available
- Installation, training & validation assistance available

AU680



AU480

for more information, call

877-722-8910

or email

contactsales@carolinachemistries.com

Specifications

AU480

AU680

Analytical System	Fully automated, random access chemistry system with STAT capability	Fully automated, random-access clinical chemistry system with STAT capability
Analytical Principle	Spectrophotometry and potentiometry	Spectrophotometry and potentiometry
Analytical Types	Endpoint, rate, fixed point and indirect ISE	Endpoint, rate, fixed point and indirect ISE
Analytical Methods	Colorimetry, turbidimetry, latex agglutination, homogeneous EIA, indirect ISE	Colorimetry, turbidimetry, latex agglutination, homogeneous EIA, indirect ISE
Simultaneously Processed Analytes	60 photometric tests + 3 ISE, 120 pre-programmed onboard tests	60 photometric tests + 3 ISE
Throughput	400 photometric tests/hour; maximum of 800 with ISE	800 photometric tests/hour; up to 1,200 with ISE
Sample Types	Serum, plasma, urine, other	Serum, plasma, urine, whole blood (HbA1c) and other fluids
Sample Feeder	Racks with 10 samples each (barcodes on primary tubes and on racks); capacity of 80 samples; continuous loading	Racks with 10 samples each (barcodes on primary tubes and on racks); capacity of 150 samples; continuous loading
Sample Tubes	Primary and secondary tubes; diameter from 11.5 to 16 mm; height from 55 to 102 mm, nestled micro sample cups	In primary and secondary tubes; diameter between 11.5 and 16.5 mm; height between 55 and 102 mm
STAT samples	Up to 22 positions for STAT samples via cooled turntable. Easy-to-operate interrupts between tests. Auto-repeat run capability.	Up to 22 positions for STAT samples, barcoded primary tubes
Sample Volume	1-25 µl in 0.1 µl steps (1-25 µl for repeats)	1-25 µL in 0.1 µL increments (1-25 µL for repeats)
Reagent Capacity	76 positions for (R1+R2, detergent position). Holds 15, 30 and 60ml bottles.	60 positions for R1, 48 positions for R2; refrigerated: 4-12°C; handling of 3-shot reagents
Reagent Volume	R1: 10-250 µl; R2: 10-250 µl (in 1 µl increment)	R1: 15-250 µL; R2: 15-250 µL; in 1 µL increments
Total Reaction Volume	90-350 µl	120-425 µL
Reaction Cuvette	Permanent glass cuvettes	Quartz cuvettes
Reaction Time	Up to 8 minutes, 37.5 seconds	Up to 8 minutes, 40 seconds
Reaction Incubation	37°C, dry bath	37°C
Photometry System	Direct assay through the reaction cuvette (0-3.0 OD) mono and bichromatic measurements possible	Direct assay through the reaction cuvette (0-3.0 OD) mono and bichromatic measurements possible
Wavelength	13 different wavelengths between 340-800 nm	13 different wavelengths between 340-800 nm
Calibration	Auto calibration, cooled calibrator positions; master calibration established by two-dimensional barcode	Autocalibration, cooled calibrator positions; master calibration established by two-dimensional barcode on the reagent bottle (>3-point calibration)
Quality Control	Auto QC, cooled QC positions	Auto QC, cooled QC positions
Test Requisition	Individual and profile test requisition via online, mouse, function keys and touch-screen	Individual and profile test requisition via online, mouse, function keys or touch screen
Sample Integrity/Safety	Lipaemia, Haemolysis and Icterus analysis. Sample clot detection and probe crash protection.	Clot detection and crash prevention for sample and reagent dispenser
Online	RS232C. Full uni- and bidirectional communication possible	Full uni- and bi-directional communication possible
Software	Windows 7®	Windows 7®
Data Storage	Sample number 100,000 samples. Reaction Data 200,000 tests	Sample number: 100,000 samples. Reaction data: 200,000 tests
Dimensions (W x H x D)	ANL: 1450 mm x 1205 mm x 770 mm	ANL 1,950x1,280x1,000
Power Supply	100-240v; 60 Hz/ < 3.5 kVA	200 V; 208 V; 220 V; 230 V; 240 V; 50 Hz; 60 Hz/3.8 KVA

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