

LIASYS 330 CLINICAL CHEMISTRY SYSTEM

SYSTEM SPECIFICATIONS

DESCRIPTION:	WALK-AWAY BENCH-TOP, DISCRETE, FULLY AUTOMATED RANDOM ACCESS SYSTEM
ASSAY METHODS:	CHEMISTRY AND IMMUNOTURBIDIMETRY - UP TO R1+R2+R3 REAGENTS
PROCESSING UNIT:	REAL TIME, EXTERNAL PC WITH MONITOR, KEYBOARD AND MOUSE
USER INTERFACE:	GRAPHICAL, USER FRIENDLY, WINDOWS XP BASED
TEST SELECTION MODES:	DISCRETE, BATCH, PROFILE AND STAT
TEST CYCLE:	FROM 18 TO 746 SECONDS - TEST RESULTS EVERY 18 SECONDS
THROUGHPUT:	UP TO 330 TESTS PER HOUR = 200 CHEMISTRY TESTS PLUS 130 ISE
OPTICAL SYSTEM:	DOUBLE BEAM PHOTOMETER WITH 8 INTERFERENTIAL FILTERS FROM 340~620nm
LIGHT SOURCE:	6V/10W HALOGEN BULB
CUVETTE OPTIC LENGTH:	10MM
PHOTOMETER SENSITIVITY:	RANGE:0.001 TO 2.5000 Abs
PHOTOMETER RESOLUTION:	0.0001 Abs
SAMPLING SYSTEM:	PRECISION: CV < 1% AT 3uL
REACTION VOLUMES:	300uL Min. - 670uL Max.
DILUTER SYSTEM:	SYRINGLESS INTEGRATED; UP TO 3 REAGENT AT 1uL INCREMENTS EACH
WATER SUPPLY:	ON BOARD DI WATER TANK
SAMPLE CAPACITY:	64 SAMPLES IN 4 SLIDING RACKS
SAMPLE LOADING:	CONTINUOUS, SAMPLE CUPS OR PRIMARY TUBES
QC CAPACITY:	1 SLIDING RACK FOR 14 CONTROLS AND CALIBRATION POSITIONS
STAT POSITIONS:	1 SLIDING RACK FOR 14 STAT POSITIONS
REAGENT CAPACITY:	33 REAGENT BOTTLES IN 2 SLIDING RACKS (20 REFRIGERATED)
REACTION PLATE:	60 DURABLE, CHANGEABLE CUVETTES, INCUBATED AT 37°C
INCUBATION SYSTEM:	WATERLESS AT 37°C- REAGENT PREHEATING CAPABILITIES
CUVETTE WASH STATION:	QC MONITORED 5 CANNULA SYSTEM FOR CUVETTE EMPTYING, WASHING AND DRYING
SAMPLING ROBOTIC ARM:	INTEGRATED ROBOTIC UNIT FOR SAMPLING OPERATION WITH OWN WASHING WELLS
VOLUME LEVEL SENSING:	VIA INTEGRATED ROBOTIC UNIT PROBE
ISE MODULE:	BUILT-IN EXTERNAL MOUNTED FOR RAPID ELECTRODE REPLACEMENT
BAR CODE READER:	OPTIONAL - BUILT-IN FOR SAMPLE PRIMARY TUBES - MANUAL FOR REAGENTS
OPERATING ENVIRONMENT:	RELATIVE HUMIDITY 20%-85% TEMPERATURE 18°C - 32°C
POWER REQUIREMENTS:	100-230V, 63Hz, 300W
DIMENSIONS:	16.5 H x25.5 W x39.5 L
WEIGHT:	143 lbs

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