



BT1500

SMALL IN SIZE... BIG IN PERFORMANCES

blotecnica instruments S.p.A.

ANALYSES TYPE	Clinical Chemistry, Turbidimetric, I.S.E. (optional)
THROUGHPUT	up to 250 Tests/hr
WATER CONSUMPTION	1125ml/hr $\pm$ 20%
ISE MODULE ON BOARD	OPTIONAL – Na, K, Cl, CO ₂ (indirect potentiometry)
NUMBER OF REAGENTS	48 TOTAL 24 using 50 ml vessels 24 using 10 or 20 ml vessels
REFRIGERATED REAGENT BAY	Yes
REACTION VOLUME	from 180 to 400 μ l
SAMPLE VOLUME	from 1.8 to 100 μ l
READING CUVETTES	32 non-disposable optical glass
SAMPLING ARMS	1 for Serum and Reagents
SAMPLE TRAY # OF POSITIONS	78 TOTAL 62 Samples – 16 Standards and Controls
TEST MODES	Random Access, Batch, STAT
TEST DIRECTORY	Up to 500
CUVETTE TEMP. CONTROL	Peltier System OFF/30/32/37°C ($\pm$ 0.2° C)
VACUUM PUMP SYSTEM	Internal
PHOTOMETER	Solid State 10 Channel+reference channel (340,380,405,436,480,510,546,578,630,700nm)
PHOTOMETER LINEARITY	Up to 3.0 O.D.
PHOTOMETER SENSITIVITY	$\pm$ 0.001 Abs.
DILUTER	1 – Long Life Ceramic 340 μ l
DILUTER PRECISION	$\pm$ 0.1% f.s.
DILUTER RESOLUTION	0.1 μ l
CLOT SENSOR	Not available
BAR CODE	OPTIONAL, both for Reagents & Samples
BUILT IN QC PROGRAM	3 Levels Known, 3 Levels Unknown
MAINTENANCE	Software assisted
VETERINARY VERSION	OPTIONAL
COMPUTER	OPTIONAL External PC (see PC minimum requirements below)
PROCESS ELECTRONICS	7 microcontrollers. I ² CBUS protocol
PERIPHERALS	OPTIONAL, on request printer & UPS
PC INTERFACE	USB 2.0
POWER SUPPLY	Universal input 100/240 Volt, 50-60 Hz, 300 W
DIMENSIONS	Height – 20", Width – 30.7", Depth – 22.8" (51x78x58cm)
WEIGHT	116 lb (53 Kg)



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