



BT 1600

THE NEW GENERATION OF THE CHEMISTRY ANALYZER

The new **BT 1600** Small, Powerful and always ready.

The compatible benchtop Analyzer for all Labs.

LED light source guarantees long life and stability.




biotecnica instruments s.p.a.

BT1600

TECHNICAL SPECIFICATIONS

ANALYSES TYPE	Clinical Chemistry, Turbidimetric, I.S.E.
THROUGHPUT	up to 240 tests/hr
TEST MODES	Random Access, Batch, STAT
ISE MODULE ON BOARD (Optional)	Na, K, Cl (indirect potentiometry)
WATER CONSUMPTION	1125ml/hr±20%
CUVETTES NUMBER (6 mm glass)	45
REAGENTS POSITIONS	40+40
BAR CODE	1 For Reagents and Samples (Optional)
REFRIGERATED REAGENT BAY	from 5-15°C
REACTION VOLUME	from 180 to 380 µl
SAMPLE VOLUME	from 1.8 to 200 µl
SAMPLING ARMS	1
CRASH SENSOR	YES
SAMPLE TRAY # OF POSITIONS	60 Total, in six sectors, refrigerated
STANDARD&CTRL # OF POSITIONS	60 Total, in the samples tray, refrigerated
SAMPLE PRE-DILUTION	YES
SERUM / REAGENT REFRIGERATOR	YES
CROSS CONTAMINATION SOFTWARE MANAGEMENT	YES
CLOT SENSOR	YES
PHOTOMETER	Solid State 14 Channel 340-800nm + reference channel and OPTICAL FIBER (340,380,405,436,480,510,546,578,600,630,650,700, 740,800nm)
PHOTOMETER LED LAMP	YES
PHOTOMETER LINEARITY	Up to 3.0 O.D.
PHOTOMETER SENSITIVITY	± 0.001 Abs.
DILUTER	1 - Long Life Ceramic: 340µl (samples and reagents)
DILUTER RESOLUTION	0.1 µl
VACUUM PUMP SYSTEM	Internal
SEPARATED WASTE TANKS	YES
REMOTE DIAGNOSTICS	YES
COMPUTER	Optional External PC (see below specification)
PERIPHERALS	Optional, on request printer & UPS (1000 W)
INTERFACE	1 USB 2.0 to PC
DIMENSIONS	Height 18.5", Width 33", Depth 23.6" (47x84x60cm)
WEIGHT	132 lb (60Kg)

EXTERNAL PC MINIMUM REQUIREMENTS

OPERATIVE SYSTEM	Windows® 10-11 English (64 bit) 
COMPUTER	Desktop/Laptop
PROCESSOR	Intel I3, 1.9 GHz or more
RAM	4GB
VIDEO	SVGA 32k Color, or LCD compatible interface
DISPLAY	Color, min. resolution 1366x768, [1024X768 for Laptop]
HOST COMMUNICATION	RS232, Ethernet
USB	1 USB 2.0 to Analyzer
PRINTER	Windows® compatible color printer
HD	> 500 Gb