BT3700

THE NEW GENERATION OF THE CHEMISTRY ANALYZER

The new **BT3700** Small, Powerful and always ready.
LED light source guarantees long life and stability.
360 Tests/hr + I.S.E.

biotecnica instruments s.r.l.

BT3700

TECHNICAL SPECIFICATIONS

ANALYSES TYPE	Clinical Chemistry, Turbidimetric, ISE (only BT3700i)
THROUGHPUT	up to 360 Tests/hr + up to 180 ISE Tests/hr (only BT3700i)
TEST MODES	Random Access, Batch, STAT
ISE MODULE	Na, K, Cl (indirect potentiometry) (only BT3700i)
WATER AND DETERGENT CONSUMPTION	System solution 1500mL/hr± 20%, detergent 350mL/hr±20%
BUILD-IN TOUCH DISPLAY	4.3" Color TFT
CUVETTES NUMBER (6 mm glass)	76/4 sectors, non-disposable
REAGENTS POSITIONS	80 Total, 40 using 50 mL vessels + 40 using 10 or 20 mL vessels
BAR CODE	1 For Reagents and Samples (Optional)
REFRIGERATED REAGENT BAY	from 10 to 15°C
REACTION VOLUME	from 180 to 400 µL
SAMPLE VOLUME	from 2.0 to 300 µL
SAMPLING ARMS	2
CRASH SENSOR	YES
SAMPLE TRAY # OF POSITIONS	60 Total, in six sector, refrigerated
STANDARD & CTRL # OF POSITIONS	60 Total, in the samples tray, refrigerated
SAMPLE PRE-DILUITION	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 (340,380,405,436,480,510,546,578,600,630,660,700,740,800nm)
PHOTOMETER LED LAMP	YES
PHOTOMETER LINEARITY	Up to 3.0 OD
PHOTOMETER SENSITIVITY	± 0.001 Abs.
DILUTER	2 - Long Life Ceramic: 470µL
DILUTER RESOLUTION	0.1 µL
FLOOD SENSOR	YES
VACUUM PUMP SYSTEM	Internal
SEPARATED WASTE TANKS	YES
REMOTE DIAGNOSTICS	YES
COMPUTER	Optional External PC (see below specification)
PERIPHERALS	Optional, on request printer & UPS (900 W)
INTERFACE	1 USB 2.0 to PC
DIMENSIONS	Height 19.7", Width 33.5", Depth 23.6" (50x85x60 cm)
WEIGHT	145 lbs (66 kg)

EXTERNAL PC MINIMUM REQUIREMENTS

OPERATIVE SYSTEM	Windows® 10 Professional (64-bit)
COMPUTER	Desktop/Laptop Windows compatible (optional)
PROCESSOR	Intel I3, 1.9 GHz or more
RAM	4GB
DISPLAY	Color, min. resolution 1366x768, (1024x768 for Laptop)
HOST COMMUNICATION	RS232, Ethernet
USB	6 USB 2.0 (4 USB 2.0 for Laptop)
PRINTER	Windows® Compatible color printer
HD	> 250 Gb