


BT3600

TECHNICAL SPECIFICATIONS

ANALYSES TYPE	Clinical Chemistry, Turbidimetric, DOA, I.S.E.
THROUGHPUT	up to 240 Chem. Tests/hr double reagent up to 420 Chem. Tests/hr combined up to 180 I.S.E. Tests/hr
WATER CONSUMPTION	3300ml/hr±20%
ISE MODULE ON BOARD	Na, K, Cl (indirect potentiometry)
NUMBER OF REAGENTS	80 TOTAL: 40 using 50 or 80 ml vessels + 40 using 10 or 20 ml vessels
REFRIGERATED REAGENT BAY	from 5-15°C
REACTION VOLUME	from 180 to 380 µl
SAMPLE VOLUME	from 1.8 to 200 µl
READING CUVETTES	64 non-disposable, optical glass
SAMPLING ARMS	2: one for samples and one for reagents
SAMPLE TRAY # OF POSITIONS	60 Total, in six sectors, refrigerated
STANDARD&CTRL # OF POSITIONS	60 Total, in the samples tray, refrigerated
TEST MODES	Sequential Access, Batch, STAT
TEST DIRECTORY	Up to 500 + Relation Test
CUVETTE TEMP. CONTROL	Dry System Off/37°C (± 0.2° C)
VACUUM PUMP SYSTEM	Internal
PHOTOMETER	Solid State 14 Channel 340-800nm + reference channel (340, 380, 405, 436, 480, 510, 546, 578, 600, 630, 650, 700, 740, 800nm)
PHOTOMETER LINEARITY	Up to 3.0 O.D.
PHOTOMETER SENSITIVITY	± 0.001 Abs.
DILUTER	2 – Long Life Ceramic: 1x460µl (reagents) and 1x340µl (samples)
DILUTER RESOLUTION	0,1 µl
CLOT SENSOR AND CRASH SENSOR	Clot sensor (samples arm) with enable/disable function and crash sensor
BAR CODE	1 for Reagents and Samples
BUILT IN QC PROGRAM	3 Levels Known, 3 Levels Unknown
MAINTENANCE	Software assisted
COMPUTER	Optional External PC (see below specification)
OPERATIVE SYSTEM	See PC minimum requirements below
PERIPHERALS	OPTIONAL, on request printer & UPS (900W)
INTERFACE	USB 2.0 to PC
REMOTE DIAGNOSTICS	Optional
POWER SUPPLY	Universal input 100/240 Volt, 50-60 Hz, 750 Watt, PFC
DIMENSIONS	Height 18.5", Width 33", Depth 23.6" (47x84x60cm)
WEIGHT	132 lb (60Kg)

EXTERNAL PC MINIMUM REQUIREMENTS

OPERATIVE SYSTEM	Windows® 7/8/10 Professional, English (64 bit) 
COMPUTER	Optional Windows® Compatible (Desktop/Laptop)
PROCESSOR	Intel I3, 1.9 GHz or more
RAM	4GB
VIDEO	SVGA 32k Color, or monitor compatible interface
DISPLAY	Color, min. resolution 1366x768, (1024x768 for notebook)
HOST COMMUNICATION	RS232, Ethernet
USB	N°6, version 2.0 (N°4 for notebook)
PRINTER	Windows® compatible color printer
ETHERNET	100Mb
CD DRIVE	DVD or CD-ROM
HD	> 500Gb

Rev. 10/2018
Features may change without notice.

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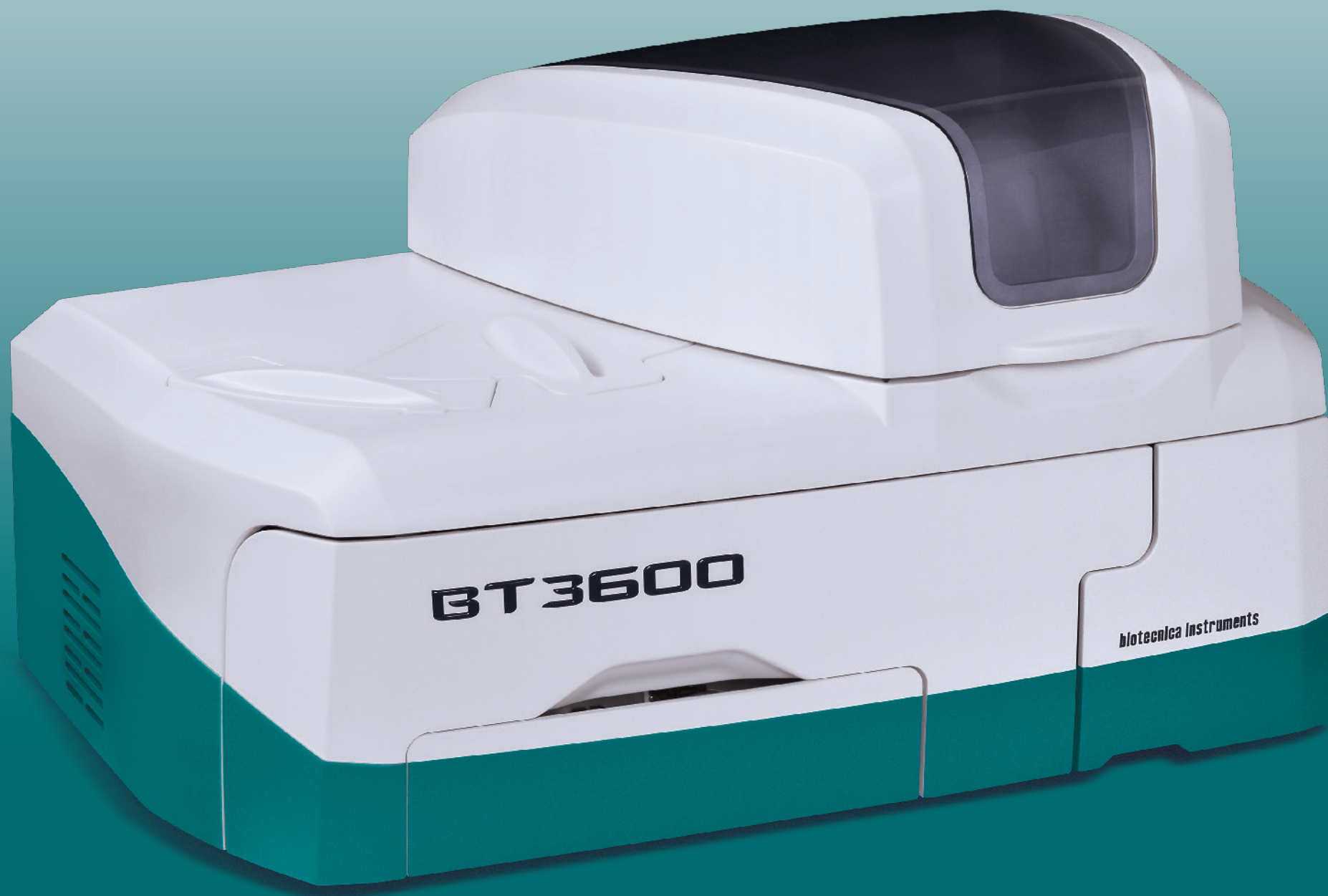
BT3600

CHEMISTRY ANALYZER

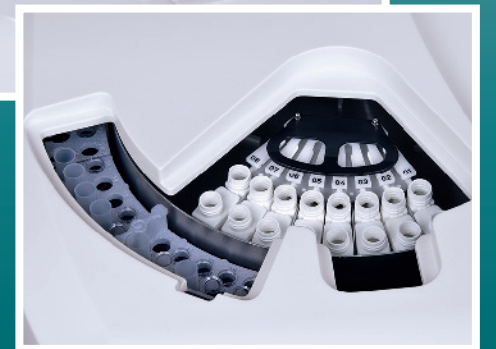
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CHEMISTRY ANALYZER



The BT3600 is a new fixed cycle analyzer with built-in 3-parameters I.S.E. Module. The analyzer has a throughput from min. 240tests/hr to max. 420 tests/hr (double or single+double reagent combination). The I.S.E. module (indirect potentiometry, solid state K, Na, Cl) has a throughput of 180 tests/hr. The analyzer can perform clinical chemistry, turbidimetric, DOA tests. The analyzer is equipped with two sampling arms (reagents and samples), clot and crash sensors, refrigerated reagents chamber, refrigerated samples tray (60 positions for samples + 60 positions for Standards & Controls), positive bar-code identification of samples and reagents.



A special preparation for samples can be performed in dedicated positions in the samples tray. Three auxiliary diluent solution positions are available for the samples dilution and treatment; one is dedicated to the lysing solution. Hyperactives and Pathological results can be automatically repeated with or without dilution. Built-in programs are available for: communication (ASTM or variable communication), maintenance, Archives (QC, Patients, Population, Calibrations).