

XL3690

NEW LAUNCHED

FULLY AUTOMATIC COAGULATION ANALYZER



ZONCI



Floor Model

Coagulation testing is an indispensable aspect of clinical diagnostics. Clinicians frequently need coagulation test results for the patient's prophylaxis and treatment options or for their pre-operative/ post-operative decision making.

Beijing Zonci is a leading manufacturer of coagulation systems and is one of the few national high-tech enterprises that independently develops and manufactures automatic coagulation systems. XL-3690 is the latest state-of-the-art technology analyser with high end features. It's designed with dual technology so as to help your laboratory for complete coagulation testing support. It boasts of a mechanical method as primary clot detection and a photo optical system for all of chromogenic, Latex particle agglutination tests including the basic clotting assays. What more, it uses a single cuvette for these whole range of assays.

Let's welcome the all new and most advanced coagulation system yet... the XL-3690 and Experience Quality, Dependability and Flexibility !



- * XL3690 adopts an external computer control system, which is more flexible and saves space: A clear software interface and man-machine control, clear and simple and can be connected to the Lis system for duplex data management



- * XL3690 adopts 10 sets of test positions based on magnetic bead methodology and can be optionally matched with 1 to 9 sets of test positions based on immunoturbidimetry or chromogenic substrate methodology for accurate and on-demand testing, ensuring the accuracy, linearity and traceability of the results. XL3690 is one of the very few automatic coagulation analyzers in the world that uses duplex methodologies of magnetic beads coagulation and optical coagulation. The test speed is greater than 600 tests per hour



- * XL3690 test cup supply component can supply 1000 magnetic bead test cups pre-heated to 37 C in an orderly, synchronous and uninterrupted way to the lower grip area.



- * XL3690 adopts two sets of reagent areas, a total of 58 refrigerated reagent positions, to accommodate the in parallel, rapid specimen loading of the dual reagent system for dual reagent items. The reagent vials are scanned and combined with the sensing reagent positions to identify the position and information of each reagent vial automatically and accurately. The patented tilted reagent position ensures no waste of reagents.



- * XL3690 adopts 4 sets of 15 test positions with interchangeable sample racks which allows loading of 60 specimens at a time, and can enter the sample position and patient information quickly, accurately and automatically with the built-in barcode scanning system of the instrument; And emergency specimens can be loaded for detection at any position.



- * XL3690 upper sampling area adopts two sets of sampling arms and three sets of sampling needle systems to achieve independent, fast and in parallel work; 37 C constant temperature, micro-sampler, built-in electronic control board, and mechanical transmission, realizes the efficient functions of fast sampling speed, high precision and easy maintenance.



- * The XL3690's lower dual gripper system adopts a unique and independent design to achieve efficient work of cups transporting, grabbing, and changing; Rotating gripper, translation gripper and sample needle, test positions are combined seamlessly in parallel, accurate and fast core test system, and can achieve rapid detection.

XL3690 Fully Automatic Coagulation Analyzer

Test Method:	Optical Coagulation, Mechanical Coagulation, Immunolates, Chromogenic, PT-Derived, Fibrinogen
Test Menu:	routine tests PT, APTT, FIB, TT, Special tests Including D-dimer, FDP, AT-III, Factor Assays, Lupus Panel, Thrombotic panel
Throughput :	≥420/500/600Ts/h (option). with the function of PT derived FIB
Measure in channel :	coagulation 10; immunoturbidimetry & Chromogenic:9
Preheating Site:	40; cuvettes at 37 C constantly preheating
Reagent Site:	58; double areas with tilt positions serve the double probes to take samples; at 16°C refrigeration, condensate liquid gathering and diversion function; reagent vials scanned and automatic recognition and positioning function
Sample Site :	≥ 60 exchangeable samples rack; high speed reading reagent barcode; automatic recognition and positing samples, to enter samples positions and patients information; any position for stat reporting
Sampling System:	XYZ coordinates system, high speed synchronized operation; 2 sampling arm ; 3 probes ; automatic positioning, liquid surface detection, constant heating, failure alarm and auto maintenance
Gripper System:	2; adopts a unique and independent design to achieve efficient work of cups automatic transporting, & discarding
Cuvette :	≥ 1000 Magnetic cups
Operating Mode:	vertical cabinet platform + test machine + computer control system to integrated work (floor model)
Alarm Function:	abnormal result alarm and automatic repeating test; probe automatic switch or alarm when reagents are insufficient; alarm for insufficient of cuvettes, reagents and solutions and opening cover
Humanized Design:	equipped with easy-to-operate LED lighting system in the work area and cabinet storage area, stable storage area of the cabinet store the cleaning liquid, waste liquid, and waste test cups; dual mode for automatic samples adding and manual samples adding multi-points calibration and quality control management function; dual LIS communication and customized report

Mktd by:

Operon Biotech and Healthcare,

GVR Hexa, No. 428,3rd Floor, 8th Main, Koramangala,
4th Block, Bangalore — 560 034, Karnataka.

Email: info@operonbiotech.com

Mobile: +91 81972 55556 | 080 42027704

www.operonbiotech.com



Patent number:

ZL 2009 2 0153646 8, ZL 2012 2 0557576.4
ZL 2009 2 0160544 9, ZL 2012 2 0557480.8
ZL 2011 1 0418250 3, ZL 2013 2 0460590.7