Biochemical Systems International Srl

FULLY & FULLY smart

AUTOMATED CLINICAL CHEMISTRY ANALYSER

with or without
integrated touch panel PC

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SYSTEM OVERVIEW

REAGENT TRAY

SAMPLE and REACTION TRAY

WORKING OVERVIEW

The particular design of the reagent bottle have been developed in order to avoid reagent lost

- 20 position reagent tray to maximize the number of tests/sample at a time
- Flexibility to run both single and two reagent chemistries
- Open system that enables the programming of an unlimited number of techniques

MODERN

The common shape of reaction wells and cups could be easily found in the local market

- Programmable washing cycles between samples and tests for minimizing carry over
- Analysis of up to 54 samples at a time for walkaway convenience
- Auto-rerun with pre-dilution

COMPACT

Proven and high technique will assure accurate measuring system and easy maintenance

- 18 µl flow cell volume for economical running costs
- Auto-level sensing
- External touch panel PC (only for Fully model)
- Peltier controlled flow cell temperature
- Washing and Waste tanks level sensors

INNOVATIVE

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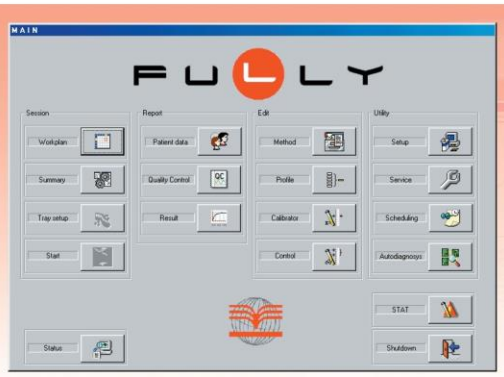
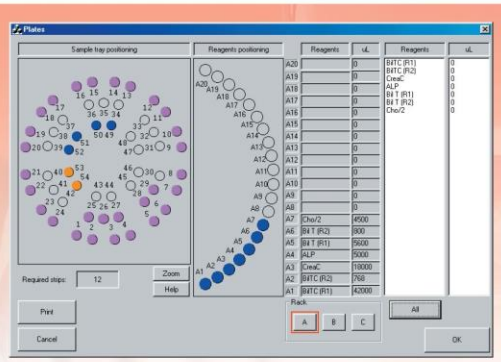
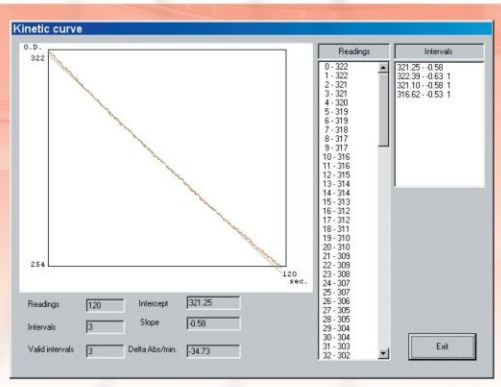
SOFTWARE



MAIN MENU



SAMPLE and REAGENT LOCATION



RESULTS GRAPH

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Discover the simplicity of operating with Windows® environment. Skilled laboratory staff will be able to run FULLY within short time. System maintenance instructions are integrated in the software.

FEATURES

- Walk away capability
- STAT sample handling
- Worklist optimization
- Real time abs. graph for kinetic test
- Easy selection menu by icons
- The positions of reagents is automatically determined by the workplan with the volumes required once the samples and reagents have been programmed
- 9 profiles of up to unlimited chemistries each to simplify your task of profile management
- Continuous working status monitoring
- Automatic flagging of abnormal test samples with programmable interpretative messages
- QC program
- Intelligent error management
- Integrated maintenance scheduling
- Multilanguage support
- Local Area Network integration facilities
- External printer

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Technical Features

Measuring System	
Operating mode	Absorbance, End-Point, Fixed Time, Kinetic, Multistandard, Differential
Throughput	Up to 100 tests/hour.
Light source	Halogen lamp 12V 20W
Spectral Range	320-690 nm
Filter Wavelength	340, 405, 492, 505, 546, 578, 630 nm one free position
Measuring Range	From -0.200 to 3.200 O.D.
Flow Cell	18 µL
Incubation temperature	37°C ± 0.1°C
Minimum Reading volume	350 µL
Typical Reading volume	500 µL
Sample Handling	
Sample number	54 positions including samples, calibrators and controls/tray
Sample container	Cup (1.2 mL)
Sample volume	2-200µl (1µL steps)
Automatic dilution	Pre and post dilution ration: 1:2 - 1:20
Reagent Handling	
Reagent tray	20 bottles + 1 bottle for diluent
Reagent bottle	45 ml
Reagent volume	Reagent 1 volume range: 30 to 1000 µL (1µL steps) Reagent 2 volume range: 0 to 1000 µL (1µL steps)
Liquid detection	Sensor
Reagent warming	Pre-heated ARM
Reagent identification	Position ID
Tray exchange	Possible with reagent bottles
Reaction	
Number of wells	144 wells (12 wells x 12 strips)
Well volume	1mL
Well temperature	37°C ± 2°C
Liquid Handling	
Syringe	1000 µL, 1 µL steps
Accuracy	± 0.5%
General	
Power Supply	AC115-230V 50-60Hz full range
Dimensions	720 (W) x 680 (D) x or 530 (H) mm
Weight	45 kg

Biochemical Systems International Srl reserves the right to change specifications whout prior notice

OEM VERSION AVAILABLE ON REQUEST

CERTIFICATION:

CE

DEKRA

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