GLOBAL 300/600 & 400/700 with ISE

An ideal analyzer for the analysis of drugs, enzymes and all other biochemical tests.

Clinical Chemistry Analyzer

The Perfect Partner in your Lab



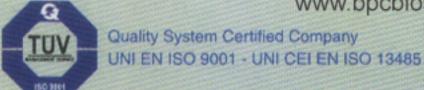


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Technical Specifications

300/600 with ISE

Principle of Operation

Random/Continuous Access

Reading Mode

Absorbance

STAT Function

Possibility of entering and processing samples at any moment during the routine.

Type of Analysis

End Point with continuous monitoring. Reagent Blank absorbance control. Kinetic reactions with Linear Regression. Sample Blank absorbance control. Initial Rate reactions (2 points kinetic). 5 models for nonlinear calibrations. Automatic recalculation of calibration curves from raw data. Bi-chromatic reactions. Differential reactions (with sample blank).

Samples Tray

70 positions for samples in secondary cup or 40 positions for primary tubes. 10 Positions for Calibrators and Controls.

Reagents Carousel

30 positions for mono - reagents (55ml) or bireagents (13 ml + 40 ml) with Barcode Reader possibility, 60 positions for single liquid reagents without Barcode Reader possibility. Reagents cooling system.

Calibration

User definable Calibration Interval Linear and Non-Linear Calibration (up to 6 points)

Reading Carousel

50 plastic optical cuvettes (path 0.6 mm) - Automatic 5 steps washing station - Temperature controlled at 37°C ± 0.1°C by means of liquid circulation.

Optical System

Interference Filters Photometer with available wavelengths from 340 to 700 nm (340 - 380 - 405 - 450 - 505 - 546 - 570 - 520-700) -Bandwidth ± 2 nm on 340 e 380 filters and ± 10 nm on other filters - Absorbance's linearity from 0.0005 Abs to 3.0 Abs.

Throughput

300 tests / hour (Global 300) 600 tests / hour (Global 300/600 with ISE).

Sampling System

SIP & DIP sampling system with capacitive level detector - Pre-Heating serpentine for reagents - Accuracy in delivery 1% for steps of 1 µl.

Peripherals

External Computer for data management with software running under Windows XP 2000 © Bi-Directional On Line interface RS 232C.

User Interface

Indication on Display for the samples Load List - Diagnostic System for technical service - Help On Line function.

Operating Environment

Environmental Temperature 15° to 32°C; Relative Humidity: Max 70% at 32°C.

Power

Volt 115/230 AC ± 6%. Frequency: 50/60 Hz Power consumption: 350 Watt.

Dimensions and Weight

123 (L) x 83 (D) x 68 (H) cm - 67 Kg.

Options

ISE module Na/K/Cl or Na/K/Li (Global 300/600) Stand Floor Cabinet-Barcode Reader. 400/700 with ISE

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400 tests / hour (Global 400)
700 tests / hour (Global 400/⁷⁰⁰ with ISE).

SIP & DIP sampling system with capacitive level detector - Pre-Heating serpentine for reagents - Accuracy in delivery 1% for steps of 1 µl.

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