

Autotron 240
Automated
Clinical Chemistry Analyser

AUTOTRON 240

Automated clinical chemistry analyser with a throughput o 160 tests per hour, reagent cooling and labour-saving operation.

Features

- Automatic. Random Access
- Open reagent system
- Up to 160 tests per hour
- Reagent pre-heating, liquid level detection
- Automatic 8 steps washing system (optional),
 Low carry-over
- Labour saving, simple programming, and real walk-away operation
- 24 hours non-stop reagent cooling compartment
- Micro-volume for sample and reagent
- User-friendly software based on Windows Operation System



AUTOTRON 240

-Automated Clinical Chemistry Analyser-



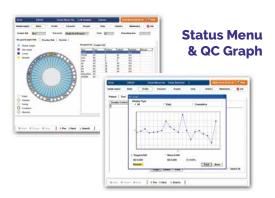
8 Step Washing

System

High Precision Probe







Technical Specifications

System Function

Throughput - Up to 160 tests per hour
Assay types - Clinical chemistry, Immunoturbidimetric
Analytical modes - End-point, Two-point, Kinetic
Programming - Open system with user defined programs
Automatic, Random Access
STAT sample priority

Probe

Pre-heating for reagent
Collision protection, Liquid level detection
and Inventory checking
Automatic inner and outer probe
washing after every cycle, carry-over ≤2%

Measuring & Optic System

Halogen lamp

Absorbance Range - 0-3.500Abs±1% Wavelengths - 8 wavelengths from 320-850nm, including 340nm, 405nm, 510nm, 546nm, 578nm, 630nm, 670nm Resolution - 0.0001Abs

Working Conditions

Temperature - 0-40°C Humidity - ≤80% Water Consumption - Max 3L per hour

Sample Tray

Sample volume - 3 \sim 100 μ L, 0.5 μ L 40 sample positions Any position for standard & quality control setting

Reagent Tray

40 positions for reagents in rerigerated compartment
Refrigerated temperature - ≤16°C
Reagent volume RI: 180-450µL, 1µL adjustable
R2: 30-25µL, 1µL adjustable

Reaction Tray

81 cuvettes (9 cuvettes/strip)
Reaction volume - 180-500µL
Reaction temperature - 37°C, (fluctuation ±0.2°C)
Independent mixing probe
Optional cuvette washing - Automatic, 8 steps washing system

Power Supply - AC 110V/220V, 50Hz Dimensions - 810mm*680mm*1150mm Gross Weight - 145Kg

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