

Features

- Discrete, Random Access, Fully Automated, Compact, Bench top model
- Dual Probe, Individual Probe for sample and reagent with Liquid Level Sensor
- Onboard Cooling for Reagent Tray
- Onboard Laundry
- Minimal Water Consumption, less than 2 litres per hour
- Non Vaccumised Waste/Wash Bottles
- Q.C. with L.J. Plot and Westgard rules
- Dedicated Onboard Mixer
- Stat Sample Capability
- Individual permanent optical glass cuvettes

Technical Specifications

System Information

System Type	: Fully Automatic, Discrete, Random Access, STAT sample priority
Throughput	: 200 Tests/Hour
Type of Tests	: Routine & Uncommon Biochemistry Enzymes, Substrates, Drug Assays, Serum Proteins
Analysis Mode	: End Point, Fixed Time, Kinetic, Linear/Non-Linear Multipoint Calibration
Programming	: Open System for user Defined Profiles and calculations

Optical System

Filters	: Interference Filters 340, 405, 450, 510, 545, 578, 630, 700 nm + 2 Optional
Absorbance Range	: 0.000 to 3.000 Abs. Unit

Calibration & Control

Linear (1 Point, 2 Point, Multipoint), Point to Point
Quality Control by Levey Jennings / Westgard Rules

Working Conditions

Power Supply	: 115-230 volts, A. C. 50 - 60 Hz \pm 10 %
Relative Humidity	: up to 80%
Dimensions (mm)	: 660 x 510 x 460 (Approx)
Weight	: 40 Kg. (Approx)

Ordering Information
Product Code : F1010-0140

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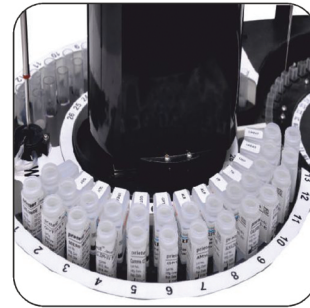
FLORENTINE 200

RANDOM ACCESS CHEMISTRY ANALYZER
200 TESTS PER HOUR
PERMANENT OPTICAL GLASS CUVETTES
IN BUILT COMPUTER
DUAL PROBE WITH LIQUID LEVEL SENSOR
DEDICATED MIXING ARM
ONBOARD LAUNDRY
STAT SAMPLE CAPABILITY

FLORENTINE 200

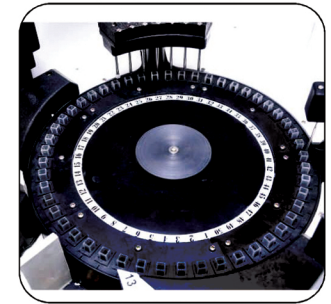
Reagent Tray

- 26 Open positions
- 13 Positions for 10 ml bottle
- 13 Positions for 30 ml bottle
- Reagent tray cooled to 10 to 15°C below the ambient temperature



Reaction Tray

- 50 Individual permanent Optical Glass cuvettes
- Reaction Volume : 200 μ l / test
- Reaction temperature is controlled at 37°C \pm 0.5°C



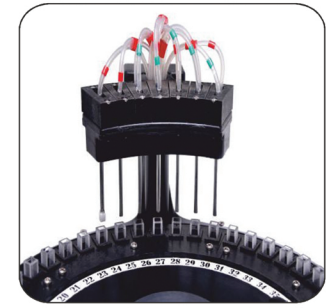
Reagent Probe

- Reagent probe volume 50 to 500 μ l
- Preheated, collision protected probe with liquid level detection
- Probe Cleaning : both internal and external



Wash Station

- Intelligent software to wash the cuvettes
- 7 Probe wash/wipe station
- 6 Coaxial probes for washing, 1 probe for wiping



Sample Tray

- 26 Open position for sample/standard/calibrator/control
- Can adapt primary tubes and sample cups
- STAT Sample Priority



Mixing Station

- Dedicated mixing arm
- Collision protection
- Mixer Cleaning : external



Sample Probe

- Sample probe Volume 3 to 30 μ l
- Collision protected probe with liquid level detection
- Probe Cleaning : Both Internal and External



Software Specification

- Windows based user friendly operation
- Online status of reagent, sample & reaction system
- Real time monitoring of reaction curves
- Real time diagnosis of system status

