

Proton
Best in Class

Revolutionizing Diagnostic Healthcare

The Complete Range of
In Vitro Diagnostic Products
Truly Best in Class



Advanced Bio-Chemistry Semi Auto Analyzer

WIN-100

*Revolutionizing
Diagnostic
Healthcare*



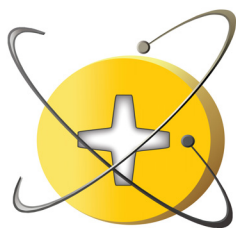
Precise • Futuristic • Copacetic • Provident

Features

- User Friendly Software
- Principle: Absorption Spectrometry
- End point method – Storage of abs of Reagent Blank in Memory/10 graph for Kinetic test
- Products Calibration – Duplicate/Triplicate mode
- Sample Mean/SD/CV – Duplicate/Triplicate mode
- Kinetic Test – Online graph and estimated result facility
- Carry over between samples to avoided using a test time between calibrator/samples/standards
- On finger 36 direct test keys for the test selection
- Utility mode for self diagnosis
- All type of samples to be run: Serum/Plasma/CSF/Urine/ Whole Blood
- Inbuilt Calculator for LIPID Profile/GLOBULIN RATIO/ UIBC/BILIRUBIN
- Test Methods: Absorbance/End Point/Fixed Point/ Kinetics/Coagulation-PT, APTT/Multipoint up to 10 points
- Interface: Graphic LCD screen 240×128 pixels
- Key board: Tactile Soft-Touch/USB
- QC Management – Westgard and Levy – Jennings charts (3 controls per test – Low, Normal & Abnormal)
- Continuous Flow system with peristaltic gear pump
- Incubator multifunctional
- Table of tests up to 235
- Quality control storage of the last 30 results
- Memory: 1000 test results
- Coagulation: Auto/Manual start, Parameters – PT/APTT
- Pre-installed Programs for Proton reagents

Technical Specifications

Display	Graphic LCD 240×128pixels Back Light: Blue LED back lit
Test Method	End point, Fixed time, Absorbance, Kinetic, Multipoint up to 10 points, Turbidimetry Electrolytes, Coagulation
Coagulation	PT, APTT
Optics Filters	340, 405, 505, 546, 578, 630, optional 700nm
Lamp House	Halogen lamp 6V/10 W
Incubator	Dry Bath Incubator 19 positions, default temperature 37°±0.2°
Temperature	Peltier regulated 25°, 30°, 37° programmed/RT accuracy ±0.1°
Flowcell Capacity & Optical Path	32µl removable cuvettes macro, Semi-micro & Micro plastic
Resolution	0.0001 Abs
Photometric Range	0.1 to 3.0 Abs
Printer	Built in 57mm thermal printer RS232 for PC connection
Suction System	Sipping volume can be programmed from 100µl to 3.0ml
Memory	128KB EEPROM (1000 Test Results)
Detector	Schottky type Photodiode – Silicon
Operational Environment	Temperature 10° to 40°, Humidity 80%
Power Requirement	Wide power Supply AC 110v-220v, 50-60Hz
Maximum Power	<110W
Dimension	45cm×41cm×17cm
Weight	8kg



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