Semi Automatic clinical analyser “Photometer S-2000”

LOW PROFILE FUNCTIONAL CLINICAL ANALYSER.



APPLICATIONS

Clinical laboratories, Clinical Biochemistry, Haematology, E.I.A. Electrolytes and Ions.

FEATURES

47 most commonly used Pre-programmed clinical methods: cholesterol, glucose, blood iron, LHD, AST, UREA etc.
Storage for up to 134 methods and up to 1000 stored results.
6 analytical fitting routines: final point, bio-chromatic, regression fit, multi-standard curve, best fit and kinetics.
Graphic display LCD (640 x 240 pixels, 256 colours).
Lamp life save function.
Graphic display.
Quality control of analysis function.
Built in printer.
Control by “roller ball mouse” or “external mouse.”
Temperature conditions: 15 °C to 32 °C: Maximum humidity 85%
RS232 out put interface.

SPECIFICATIONS

Solid state photodiode detector.
Bichromatic optical system with 7 filters, 340, 405, 500, 546, 578, 620 and 670 nm.
Band pass: 10 nm.
Flow cell: 30 ul.
Measuring range: from 0.000 to 2.500 ABS.
Resolution: display 0.001 ABS, calculations to 0.0001ABS.
Thermostatted Peltier cuvette holder: 25, 30 and 37 °C Precision ±0.1 °C.
Tungsten halogen lamp of 6V 10 W.
Comes complete with protective cover, spare lamp and two rolls of printer paper.

MODEL

Part No.	Height / Width / Depth cm			Power rating	Power W	Weight Kg
4120010	14	45	33	110-220V/50-60Hz	150	10

SPARE. Halogen lamp 6 V 10 W. Part No. 4312015

ACCESSORY

Metallic thermostat dry block “BIO-BATH”

Small size with a fixed temperature of 37 °C with check thermometer, 8 tube positions for 75x13 VAC tubes.
Note: Accelerates the extraction of plasma for faster results and waiting time for the patient.



MODEL

Part No.	Height / Width / Depht (exterior) cm			Stability °C	Power W	Weight Kg
7001561	8.8	9.6	7	0.5	8	0.5

Digital colorimeter “Clormic”

MICROPROCESSOR CONTROLLED.
AUTOMATIC ZERO ABSORBANCE AND 100% TRANSMITTANCE.
ALPHANUMERIC 20 CHARACTER 2 LINE L.C.D. DISPLAY.



APPLICATIONS

Chemistry Laboratory, quality control, environmental control.

FEATURES

Wavelength range: 400 to 800 nm, by using special filters with a 30 nm band pass.
12 position Filter disc wheel selection .
Standard filters: 420, 440, 490, 520, 550, 580, 620 and 680 nm.
Expanded Absorption range: -0.3 to 3.5 O.D. in real time.
Transmission: 0 to 100 T %.
Photometric accuracy: >1 %.
Photometric precision: ±1 %.
Photometric stability: 0.004 A/hr.
Light source: Long life tungsten lamp.
Detector: Solid state.
Sample chamber: 10 mm cuvettes or test tubes of 12 and 16 mm Ø.
Minimum volume: 1 ml.
Display: Alphanumeric LCD display of 2 lines of 20 characters.
Calculation functions: Transmission T %. Absorbence, Concentration by factor or standard concentrations.
Calibration: Self adjusting by software.
USB interface for download of results to a computer

CONTROL PANEL

ON/OFF switch.
Interactive LCD display.
Numeric and function keypad.



MODEL

Part No.	Built in printer	Height / Width / Depth cm			Power W	Weight Kg
4120009	NO	11	18	28	10	4.5

SPARE

Lamp of 6 V / 6 mm.
Part No. 4512009