



## Semi Automatic clinical analyser "Photometer S-2000"

LOW PROFILE FUNCTIONAL CLINICAL ANALYSER.

### APPLICATIONS

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

### 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%

External heated incubator block, 37 °C (Model 4120012 only).

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.



S-2000 Part No. 4120010



S-2000 Part No. 4120012



### MODELS

| Part No. | External incubator block | Height / Width / Depth cm | Power rating     | Power W | Weight Kg |
|----------|--------------------------|---------------------------|------------------|---------|-----------|
| 4120010  | No                       | 14 45 33                  | 110-220V/50-60Hz | 150     | 10        |
| 4120012  | Yes                      | 14 45 33                  | 110-220V/50-60Hz | 151     | 10.1      |

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



## 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 40 nm band pass.

12 position Filter disc wheel selection .

Standard filters: 420, 440, 490, 520, 550, 580, 620, 680 nm and 4 optionals.

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 %.

Absorbance, Concentration by factor or standard concentrations.

Calibration: Self adjusting by software.

**RS-232 interface.**

### 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