

ARTOS

Versatile Clinical Chemistry Analyzer

- Enzymes
- Substrates
- Electrolytes
- Immunotursidimetry



Technical Specifications

Methods of Programming

- ◆ Absorbance
- ◆ End Point with standard / factor
- ◆ Two point kinetics (fixed time)
- ◆ Multipoint kinetics
- ◆ Multi standard upto 10 standards

Optical System

- ◆ Principle: Photometry
- ◆ Range of measurement: from 0-2.5 A for 340 nm from 0-3.0 A from 405 nm and upwards
- ◆ Spectral range selection: automatic via filter wheel
- ◆ Filters included are: 340, 405, 505, 546, 578 and 630 nm plus two free position
- ◆ Bandwidth: 10 nm (\pm 2nm)
- ◆ Light source: halogen lamp 12 V 20W
- ◆ Zero: automatic
- ◆ Settings: monochromatic and bichromatic
- ◆ Detector: Silicon Photodiode

Thermostat System

- ◆ Peltier regulated 25°, 30° & 37°C programmed
- ◆ Accuracy: \pm 0.1°C

Cuvettes

- ◆ Flow cell of 18 μ L
- ◆ Removable cuvettes: macro, semi-micro and micro

Printer

- ◆ Type: Graphic thermal printer
- ◆ Characters per line: 384 dots / line
- ◆ Paper: themosensitive - 57 mm wide
- ◆ Programming: ON / OFF test wise

Screen and Keyboard

- ◆ Screen: graphic LCD Back lit. 240 x 64 pixels
- ◆ Keyboard: tactile

Suction System

- ◆ Continuous flow system with peristaltic pump incorporated
- ◆ Sipping volume can be programmed from 200 μ l to 5.0 ml

Programming

- ◆ Table of tests: up to 128
- ◆ Table of units: up to 9 units
- ◆ Quality control storage of the last 30 results for each of the keyboard test

Quality Control

- ◆ Levy-Jennings chart using westgard's rules

Power / Dimensions

- ◆ Voltage: 220 V
- ◆ Frequency: 50 Hz
- ◆ Maximum power: \leq 100 VA
- ◆ Temperature: 15-35°C
- ◆ Maximum relative humidity: 75%
- ◆ Height: 16cm
- ◆ Dimensions: 34 cm x 40 cm
- ◆ Weight: 10 kgs

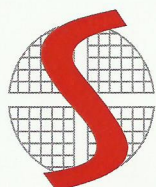
Computer interface

- ◆ RS 232 interface
- ◆ Laboratory software*
- ◆ Storage of innumearable test results using unique Data Sync software**

* Not a standard accessory, to be bought separately

** Total storage depends on the memory available on the customer computer

Technical Specifications subjects to change without prior notice.



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