METROLAB 1600 DR

CLINICAL ANALYZER

The clinical analyzer that makes
biochemical assay easy and fast

ARK
DiagnoSys

MTL

METROLAB

Technical Features

Software and Hardware
Easy access to methods.
Full patient data.
Printout of patient reports, profiles, controls and statistics.
Storage of more than 100 patients and results in memory
132 programmable tests.
Built- in graphic printer.

Optics
Halogen quartz lamp 6V-10W
Photometric Range: -0.5 - 3.5 Abs
 9 Interference filters positions: 340, 405, 450, 505, 550, 620 and 750 nm
2 free positions available.

Detection System
Photodiode 320-1000 nm

Aspiration System
Peristaltic pump driven by stepper motor.
Programmable volumen up to 500 ul.
Carry over <2% for volume > 400ul.
Automatic cleaning cycle.

Double Reading System
18 ul-quartz flow cell, termostatized by Peltier.
Standard holder for macro or semi-micro cuvettes 10 x 10 x 45 mm.

Temperature Control
Adjustable to 25°, 30° and 37°C. Stability +/- 0.1°C

Mesaurement Mode
End Point with sample or reagent blank.
Kinetics.
Two Points Kinetics.
Mono- and bichromatic measurements.
Reaction graphics.
Linearity checks.

Calibration Mode
Standard or Factor.
Factor storage in all methods.
Nonlinear curve fitting. Up to 10 standard points.
Authomatic adjustment.

QC
10 Controls/test.
L. Jennings Plots.
High/low flags.

Operator Interface
25 functions on Display.
Thermal printer, 24 characters / line graphics.
20 x 20 characters graphic LCD with backlight.

Languages
English
Spanish
Portuguese

Installation Requirements
• Electrical Features
100-240 VAC 50/60 Hz
150 W

• Dimensions
32 x 17 x 38 cm
Weight: 6 kg

Certifications
CE/ ANMAT
ISO 9001

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