



abaxis healthcare

FLORENTINE



abachem100

LED based chemistry system

- 6 Wavelengths LED Light Source
- 3.5" Graphic Display
- Online Graph for Kinetic Assays
- 32 μ l QUARTS Flow-cell
- Minimum reagent Volume of 350 μ l
- Intelligent Error Detection System for abnormal samples
- Self Testing for Optical and Pump Calibration

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TECHNICAL SPECIFICATION

OPTICAL SPECIFICATIONS

Light Source	6 LED s. wavelengths 340, 405, 505.545, 580 & 630nm
Photometric Range	0.000 to 3.500 Abs
FLOW CELL	32 μ l Quartz Flow cell with 10 mm Path Length
Reagent Volume	Minimum of 350 μ l (0.350 ml)

PROGRAMMING

Measurement Modes	Kinetic, Fixed Time, End Point, Multi-Standard Calibration, Monochromatic & Bi-Chromatic
Memory	100 User defined Programs, 1000 Results Program Memory

INPUT / OUTPUT INTERFACE

Keyboard	Spill-proof Membrane Keyboard
Thermal Printer	57 mm paper Easy Load with Quick Action Hatch
Output	Serial Port (RS 232) Output Direct connectivity to External Printer* and computer
Self Testing	Automatic self testing of entire optical for all wavelengths at start up

THERMOSTAT SYSTEM

Temperature	RT & 37 $^{\circ}$ C Temperatures with \pm 0.5 \circ C. Precision
Thermostat	Digitally Controlled Solid State Sensor and Heater

POWER, BATTERY BACK-UP & DIMENSIONS

Power Supply	AC Mains: 180 V to 240 V AC, 50 Hz
Battery Backup	10 V to 18 V DC 1A
Operating Req.	Room Temperature: 10 $^{\circ}$ C to 35 $^{\circ}$ C. Protect from Direct Sunlight
Dimensions	L: 320 mm x W: 270 mm x H: 125 mm Appx.
Weight	1.5 kg Appx & 4.5 kg Appx along with Packaging



- LED SOURCE
- NO HALOGEN LAMP
- EXTREME PRECISION



- NO FILTERS
- NO MOVING PART



- ZERO MAINTENANCE
- DUSTPROOF DESIGN

