



LABCHEM 7plus

Biochemistry Analyzer



ISO 9001:2015
QUALITY MANAGEMENT SYSTEM

ISO 13485:2016
MEDICAL DEVICES QUALITY MANAGEMENT

Feature

- 7 Inch Color LCD, Touch Screen
- Flow cell and Cuvette test mode compatible
- Real time curve showing
- 7 wavelength, 80 test items pre-programmed
- Memory for 10,000 sample results
- Light source hibernate function making lamp life longer
- RS-232 interface, PC connecting



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Technical Specifications

Item	Description
Test mode	Kinetic, End point, Two point, Absorbance
Wavelength	7 standard filters, 340, 405, 510, 546, 578, 630 nm, 1 free position
Wavelength precision	$\pm 2\text{nm}$, width $\leq 10\text{nm}$
Absorbance range	0~4.500 Abs
Absorbance precision	outside 0.0001 Abs, inside 0.00001 Abs
Carry over	< 1%
Repeatability CV	< 1%
Incubator	37°C, 30°C, 25°C, and others, Precision : $\pm 0.1^\circ\text{C}$
Sample volume	0~3000 μL (500 μL recommend)
Data Storage	10000
Quality control curve	$\bar{X}$ SD CV% L-J quality control curve for every test item
Flow cell	32 μL quartz glass, 10mm
Lamp	Philips 6V 10W Halogen Lamp with long life
Screen	7 inch colour LCD
CPU	ARM series high speed micro CPU
Printer	Internal thermal sensitive printer
Interface	RS-232
Work Environment	Temperature 0°C~40°C
Humidity	80%
Power supply	100~240VAC, 50~60Hz, 100VA
Dimension	340(L)*270(W)*160(H)
Weight	5 kg

Usual Test List

- **Liver Function** : ALT AST T-BIL D-BIL TP ALB TTT CHE Nh
- **Renal Function** : BUN CRE UA URE CO₂-CP γ -GT
- **Lipids** : T-CHO TG HDL-C LDL-C
- **Cardiac Function** : CK CK-MB LDH
- **Immune proteins** : IGA IGG IGM C3
- **Others** : GLU HGB AMS

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Marketed By:

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