

Sinothinker -IVD Expert



EXCEL-100 Semi-auto Chemistry Analyzer

Feature

- 7 Inch Color LCD , Touch screen
- 10 incubators, 3 timers
- 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
- RS232 interface, PC connecting

EXCEL-100 Semi-auto Chemistry Analyzer

Specification

Test mode: Kinetic, End point, Two point, Absorbance
 Wavelength: 7 standard filters, 340, 405, 492, 510, 546, 578, 630 nm, 1 free position
 Wavelength precision: ± 2 nm, width ≤ 10 nm
 Absorbance range: 0~4.500 Abs
 Absorbance precision: outside 0.0001 Abs , inside 0.00001 Abs
 10 Incubators, $37 \pm 0.3^\circ\text{C}$;
 3 timers, precision ± 0.1 S
 Carry over: $< 1\%$
 Repeatability CV: $< 1\%$
 Flowcell 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, 10 mm
 Lamp: Philips 6V 10W Halogen Lamp with long life
 Screen: 7 inch color LCD
 CPU: ARM series high speed micro CPU
 Printer: Internal thermal sensitive printer
 Interface: RS-232
 Work Environment: Temperature $0^\circ\text{C} \sim 40^\circ\text{C}$, 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 ALP T-BIL D-BIL TP ALB TTT CHE NH₃

► Renal function :

BUN CRE UA URE CO2-CP Y-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

