



## LECTEUR ELISA

### Y100 Elisa reader

- 8-Channel optical measuring system
- Optional single/double wavelength analysis
- Variable speeds linear shaking
- Cutoff and call criteria
- Large storage for 2500 results
- Touch screen, large LCD display
- Printer included



#### SPECIFICATIONS:

Display	240×128 LCD Touch screen
Computer Connector	RS232 9 needle
Micro plate Type	96 wells, Flat bottom, U bottom, V bottom
Wavelength range	400-750nm
Optical sensor	8 photodiode
Standard filters	405,450,492,630nm,8 filter positions in total
Reading speed	single wavelength <5sec/single, Duple wavelength <7sec
Absorbance range	0.000 - 3.500 Abs
Resolution	0.001 Abs
Stability	±0.003 Abs
Accuracy	$\Delta A \leq \pm 0.01$ ( $0 \leq A < 1.0$ ) ; $\leq 2.5\%$ ( $A \geq 1.0$ ) ;
Sensitivity	$\geq 0.01$ Abs
Repeatability	$\leq 0.2\%$ ( $0 \leq A \leq 1.5$ Abs ) ; $\leq 1.0\%$ ( $A > 1.5$ Abs ) ;
8 Channel differences	$\leq 0.02$
Linearity	$\geq 0.999$
Internal printer	57mm thermal printer
Shake	3 kind of intensity, can fit the exact time
Memory	200 programs, 1000 plates result
Light Source	Tungsten Halogen lamp, lamp saver function, 12V,20W
Voltage	AC 100-240V, 50Hz/60Hz
Power	90VA
Volume(Instrument)	318*286*168mm
Net weight	6.5Kg
Gross weight	8.7Kg
Outer box	45*41*29cm
Working temperature	10°C—30°C
Working humidity	$\leq 85\%$
Storage condition	temperature 0°C—55°C ; humidity $\leq 95\%$
PC software	optional accessories