

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

RT-2100C

Microplate Reader



Features

- Easy Windows operation software, with touch screen or mouse, Large LCD display
- 8-channel optical fiber system enables 5 secs' reading for the whole plate
- Bichromatic measurement, calculation modes include Absorbance, Cut-off, Curve, Linear regression Index regression, Logarithm regression, Exponent regression, Power Regression, etc
- Large memory storage up to 100 programs, 1000 patients data, 10000 sample records
- Auto self-check when power on
- With lamp sleeping and wake-up function
- Random positive control and negative control setting
- Multi-assay feature enables up to 12 different assays on one plate
- Powerful QC function: Immediate, Elisa including Westguard Rules, Levey Jennings plot(optional)
- Multiform result output including patient comprehensive report
- Easy software upgrade by SD card, support USB mouse and keyboard
- Ability to communicate with PC for data management (optional)

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Main Menu

Plate setting

Programming

Patient data setting

Report

Name: Susan Sex: Female Age: 25 Dept: xxx
 Date: 20/10/2003 Sample: 05 Bed No: 006 Sender: xxx

Program	Full name	Result	Unit	Diagnosis	Reference range
HIV		0.163	s/co-	Neg-	(0.000-1.000)
HbsAg		0.283	s/co-	Neg-	(0.000-1.000)
HbsAb		0.634	s/co-	Neg-	(0.000-1.000)
T3		3.374			

Operator: Checker:

Technical Specifications

Read-out Range	0-3.500Abs
Resolution	0.001Abs(displayed), 0.0001Abs(calculated)
Light Source	Halogen lamp
Wavelengths	405,450,492,630nm, 4 more filters optional
Wavelength Accuracy	± 2.0nm
Band Width	< 10nm
Calculation Mode	ABS, Cut-off, Curve, Linear regression Index regression, Logarithm regression, Exponent regression, etc
Accuracy	± 0.03A (0-2.000Abs)
Reading Speed	5 secs for 96 well plate (Single wavelength)
Shaking Plate	Shaking time and speed adjustable
Memory	100 programs, 1000 patients data and 10000 sample records
Interface	RS-232, USB, SD card interface
Display	Large LCD
Input	Touch screen, mouse or external keyboard
Output	External printer(optional)
Net Weight	8KG
Dimensions L×W×H (mm)	460 × 330 × 190
Power Requirement	AC 110V-220V, 50/60Hz

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