

MANUFACTURE STANDARD, MANUFACTURE RELIANCE

RT-6100

Microplate Reader



WHAT'S NEW

PC CONTROLLED

WORKSTATION SOFTWARE

USB PORT



Features

- PC controlled system, Windows XP
- 8-channel optical fiber system enables 6 secs' reading for 96-well plate
- Calculation modes include ABS, Cut-Off, Single standard Curve, Multi-percent Linear, Log, Exponential, Power and 4PL regression etc.
- Up to 12 different tests can be performed in one plate
- Powerful laboratory management software stores up to 100 programs and 100,000 results
- Powerful QC programs including Westguard Multi-rule and Instant method, automatic alarm
- Multiform test reports output
- Lamp saving and plate shaking
- Save data automatically when power off unexpectedly
- Compatible with all popular external printers
- Powerful internet connection enables remote data sharing and OS update
- Multi-language software available on request

RT-6100

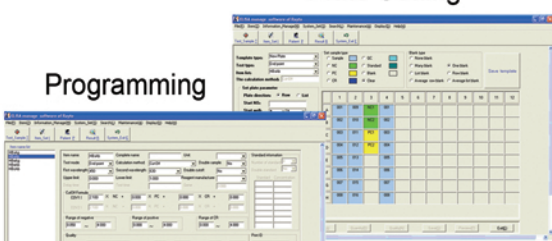
Microplate Reader

Main Specifications

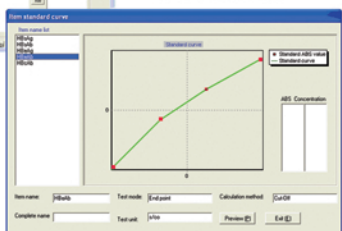
Absorbance Range	0 - 4.000Abs
Resolution	0.001Abs(displayed),0.0001Abs(calculated)
Accuracy	±0.003Abs
Type of Microplate	Standard with 96-well or other kind of microplate and strip
Optic System	8-channel optic fiber system
Light Source	Halogen lamp, 6.5V/19W
Wavelengths	405, 450, 492, 630nm, 4 more filters optional
Wavelength Accuracy	± 2nm
Band Width	<8nm
Methodologies	End Point, fixed time, Kinetic
Calculation Method	ABS, Cut-Off, Single Standard Curve, Multi-Percent, Percent Log, Linear, Exponential, Power, 4PL Regression
Reading Speed	6 seconds for 96 well plate(single wavelength)
Shaking Plate	Shaking time and speed adjustable
Operation	PC operation, bidirectional communications
Memory	More than 100 programs, up to 100,000 test results
Printer	All printers compatible with Windows
Interface	RS-232
Language	English or any language on request
Power Supply	AC 100V-240V,50Hz/60Hz
Net Weight	6.2KG
Dimensions L × W × H(mm)	454 × 295 × 146

Plate Setting

Programming



Calibration



Report

Name:John Sex:male Age:25 Sample NO:005
Medical NO: xxx Section: xxx Area: xxx Sender:Lisa
Bed NO:008 Diagnosis: Send date:20/10/2006

Program	Full name	Result	Unit	Neg/Pos	Reference range
HbsAg		0.168	s/cov.	Neg-	0.000-1.000
HbsAb		0.568	s/cov.	Neg-	0.000-1.000
HIV		0.685	s/cov.	Neg-	0.000-1.000
HCV		1.259	s/cov.	Pos+	0.000-1.000

Print date:20/10/2006 Test date:20/10/2006 Operator: Checker:

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