

Alere™

Easy Reader

Microplate Reader

Control



Fully Automatic

Accuracy



Reliable Result

Technology



Multi-assay feature

Performance

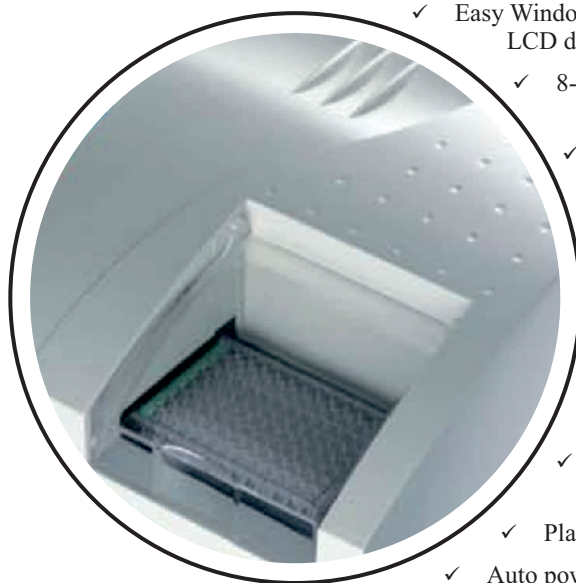


Ability to communicate



Features

- ✓ Fully automatic.
- ✓ Easy Windows operation system with touch screen or mouse, large LCD display.
- ✓ 8-channel optical fiber system enables 5 seconds reading for the whole plate.
- ✓ Bichromatic measurement, calculation modes include ABS, Cut-off, Curve, linear, log and exponent regression.
- ✓ Random positive control and negative control setting.
- ✓ Multi-assay feature enables up to 12 different assays on one plate.
- ✓ Large memory to store up to 100 test protocols and 10000 results.
- ✓ Powerful QC function: Westgard rules, Levey Jennings plot.(optional)
- ✓ Plate shaking feature.
- ✓ Auto power-on self-check feature.
- ✓ Additional lamp saving feature.
- ✓ Multiform result output including patient comprehensive report.
- ✓ Ability to communicate with PC for data management. (optional)
- ✓ Easy maintenance design.



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Main Menu

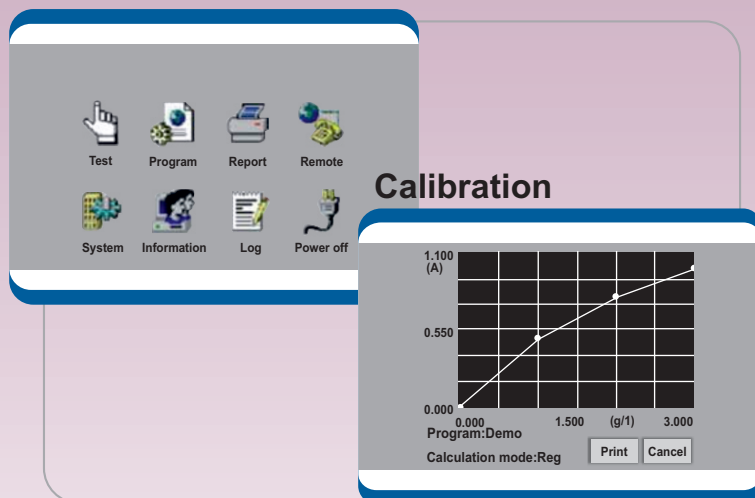
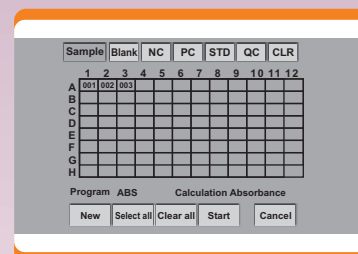
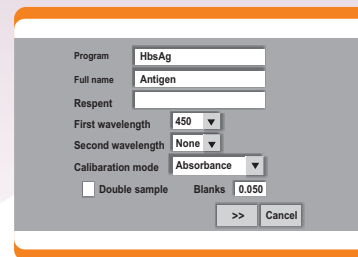


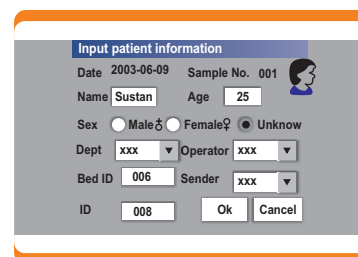
Plate setting



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:			

Main Specifications

Photometric Range	0.000-4.000Abs
Resolution	0.001Abs(displayed). 0.0001Abs(calculated)
Light Source	Halogen lamp, 8V/50W
Wavelengths	405,450,492,630nm, 4 more filters optional
Wavelength Accuracy	± 1nm
Band Width	8nm
Calculation Method	ABS, %ABS, cut-off,linear, point to point,log, exponent, power regression
Accuracy	± 1% or ± 0.005A
Reading Speed	5secs for 96 well plate (Single wavelength)
Shaking Plate	Shaking time and speed adjustable
Memory	100 tests, up to 10000 test results
Interface	RS-232, PSTN (optional)
Display	6" LCD
Input	Touch panel or mouse
Output	External printer (optional)
Net Weight	8KG
Dimensions LXWxH (mm)	460 x 330 x 200
Power Supply	AC 110V-220V± 10%, 50-60Hz

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