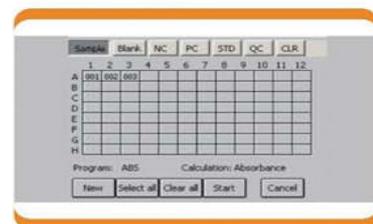


## Microplate Reader

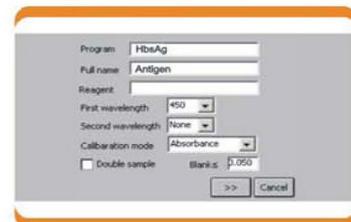
- Fully automatic.  
Easy windows operation system with touch screen or mouse, large LCD display.
- 8-channel optical fiber system enables 5 secs reading for the plate.
- Bichromatic measurement, calculation modes includes ABS, Cut-off, Curve, Linear, Log and Exponent regression.
- Random positive control 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 1000 results.
- Powerful QC functions: Grubs, Westguard 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.



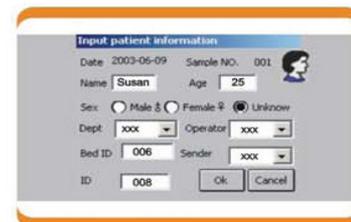
### Plate Setting



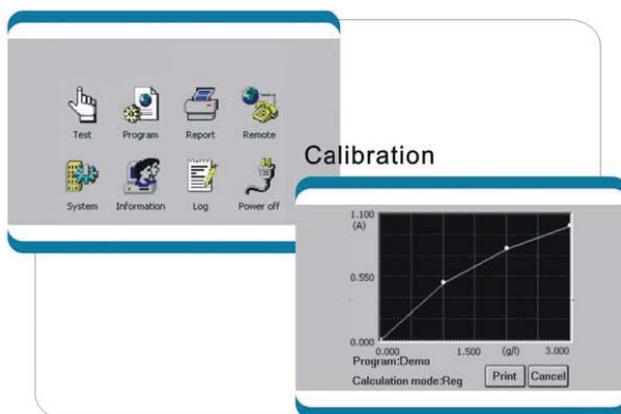
### Programming



### Patient Data Setting



### Main Menu



## Specification of Microplate Reader

Model	ST-2100C
Photometric Range	0.000 - 4.000 Abs
Resolution	0.001 Abs (displayed), 0.0001 Abs (calculated)
Light Source	Halogen lam
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	5 secs 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
Net weight	8 kg
Dimension L x W x H (mm)	480 x 330 x 200
Power Supply	AC 110V-220V ±10%, 50-60Hz