

KC-100

● Microplate Reader



Specifications

- Detection method Absorbance
- Microplate types 96-well plate (U,V or flat-bottom)
- Measuring system 8-Channel optical system
- Reading speed 12s single wavelength , 30s double wavelength
- Light source Tungsten Halogen, 12v/20w , >2000 hours
- Wavelength 405nm, 450nm, 492nm, 630nm, 4 free positions for additional filters
- Onboard software 42 user-programmable protocols
- Reading range 0.001-3.500Abs
- Measuring range 0.001-2.500Abs
- Photometric accuracy <1% or ± 0.001 Abs
- Wavelength accuracy <2 nm
- Repeatability $\leq 1\%$
- Stability ≤ 0.005 Abs/10min
- Linearity $\leq \pm 2.5\%$
- Shaking linear shaking ; low, medium, high
- Input Touch screen
- Display Large LCD display
- Power supply AC 200V/110V $\pm 10\%$, 50/60 Hz
- Operating environment emperature : 10 °C ~40 °C Humidity : 20% ~ 85%
- Dimension 420mm(H) ×400mm(W) ×200mm(D)
- Weight 9.5 kg

Features

- 8-Channel optical measuring system
- Optional single/double wavelength analyzsis
- Extensive onboard data analysis
- Variable speeds linear shaking
- Cut off and call criteria
- Large storage for 2500 results
- Touch screen , large LCD display



Test Report from CARETIUM				
Sample ID:10001	Report Date:Sep.23,2013			
Name:sun	Gender:Male			
Patient Record:23311343	Age:12Y			
Department:	Bed:122			
Type of Sample:Serum	Test date:Sep.23,2013			
Prescription:	Sample Info:			
Clinical Diagnostic:				
NO.	Item Name	Result	Unit	Reference
01	HBsAg	NEG-		
02	HBsAb	NEG-		
03	HBsAg	NEG-		
04	HBsAb	NEG-		
05	HBcAb	NEG-		
This report is for the sample only Operator: Supervisor:				