



CCL-RT6100 Microplate Reader



Features:

- PC controlled system, Windows XP
- 8-channel optical fiber system enables 5 secs' reading for 96-well plate
- Calculation modes include ABS, Cut-Off, Curve, Linear, Log, Exponential, Power and 4PL regression
- Up to 12 different tests can be performed in one plate
- Powerful laboratory management software, more than 100 programs and 100,000 results can be stored
- Powerful QC programs including Westgard 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

Technical Specifications:

General Descriptions

Absorbance Range

0 - 4.000Abs

Resolution

0.001Abs (displayed),0.0001Abs(calculated)

Accuracy

±0.5% or ±0.005Abs

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, 8V/20W

Wavelengths

405, 450, 492, 630nm, 4 more filters optional

Wavelength Accuracy

± 1nm

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

5 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, USB

Language

English or any language on request

Power Supply

AC 110V - 240V $\pm$ 10%, 50-60Hz

Net weight

7Kg

Dimension L×W×H(mm)

454×295×146



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