Hiperion MPR4++ 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 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

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 ± 10%, 50-60Hz
Net weight
7Kg
Dimension L×W×H(mm)
454×295×146

Hiperion

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