



## **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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