Microplate Reader (MPR4+)

Features

1- Easy Windows operation system with touch screen or mouse, large LCD display
2- 8-channel optical fiber system enables 5 secs' reading for the whole plate
3- Bichromatic measurement, calculation modes including ABS, Cut-off, Curve, Linear, Log and Exponential regression
4- Large memory, up to 100 test protocols and 10,000 can be stored
5- Auto self-check when power on
6- With lamp sleeping and wake-up function
7- Random positive and negative control setting
8- Multi-assay enables up to 12 different assays on one plate
9- Plate shaking function
10- Internal printer (external printer optional)
11- Powerful QC function: Grubs, Westguard Multi-rule, Levey jennings plot (optional)
12- Easy software upgrade by SD card, support USB mouse and keyboard
13- Multiform result output including patient comprehensive report
14- Ability to communicate with PC for data management(optional)

System Specifications

Absorbance Range	0.000-4.000Abs
Resolution	0.001Abs(display),0.0001Abs(calculation)
Accuracy	±0.1% or ±0.005Abs
Type of Microplate	Standard with 96-well or other kind of microplate and strip
Wavelength	405, 450, 492, 630nm, 4 more filters optional(from 400-700nm available on special order)
Measurement range	0.000-2.500Abs
Optic System	8-channel optic fiber system
Light Source	Halogen lamp
Wavelengths	405, 450, 492, 630nm, 4 more filters optional
Wavelength Accuracy	± 1nm
Band width	<8nm
Calculation Method	ABS, %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
Interface	RS-232, USB, SD card interface
Display	6" LCD (with touch screen function)
Input	Touch panel or mouse
Output	Internal printer; External printer (optional)
Power supply	AC 110V - 220V ± 10%, 50-60Hz
Net Weight	9KG
Dimensions L × W × H(mm)	460×330×200

Hiperion

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