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UB-DR-200B

Microplate Reader

Main Features:

- Brand-new shell and operation system

- Touch screen with 10.4'' inch color LED display, resolution 1024x600

- Large intelligent operation interface, esy connect to PC

- Flexible plate layout with Blanks, Standards, Samples

- Reference, QC in one screen

- Comprehensive qualitative and quantitative data-evaluation function
  with cut-offs, curve-fits and transformation formulas

- More than 20 different report formats

- Auto llamp adjustment and auto calibration

- Support keyboard and mouse with USD interfaces

- Stable memory stores up to twenty million test data, 500 test projects.

Technical Specification

Model No.	UB-DR-200B
Microplate Types	96 / 48 wells plate
Photodetector	Silicon Photodiode
Light Source	8V/50W Controlled tungsten halogen lamp
Wavelength Range	400nm ~ 800nm
Standard Filters	405, 450, 492, 630nm & 4 optional
Reading Range	0.000 ~ 4.000A
Resolution	0.001A
Accuracy	±0.008A
Reproducibility	≤ 0.2%
Stability	±0.003A
Reading Speed	Single Wavelength ≤3s; Double Wavelenth ≤6s
Shaking	Linear Shaking, 3 speeds
Printer	Built-in Thermal printer, optional external printer
Interface Connection	DVI, VGA, LAN, USB-A, USB-B, USB-C, AUDIO, RS-232
Power Supply	100 ~ 240V, 50 ~ 60Hz
Dimension	460(L) x 350(W) x 197(H)mm
Net Weight	8kg

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UB-DR-200Bc

Microplate Reader

Main Features:

- New design and advanced operation system
- Touch screen with 7' inch color LCD display
- 8 Channels optical fiber scanning
- Single or dual wavelength measurements
- Performing 12 different tests just in one plate
- Multiplicate report formats of patient information
- Auto Lamp adjustment and auto calibration
- Stable memory stores up to 200,000 test datas, 500 test projects
- User-friendly software, easy to programme and can update software online
- Easily connect to PC, Provide UltraDx ELISA Reader software

Technical Specification

Model No.	UB-DR-200Bc
Microplate Types	96 / 48 wells plate
Photodetector	Silicon Photodiode
Light Source	8V/50W Controlled tungsten halogen lamp
Wavelength Range	400nm ~ 800nm
Standard Filters	405, 450, 492, 630nm & 4 optional
Reading Range	0.000 ~ 4.000A
Resolution	0.001A
Accuracy	±0.008A
Reproducibility	≤ 0.2%
Stability	±0.003A
Reading Speed	Single Wavelength ≤3s; Double Wavelenth ≤6s
Shaking	Linear Shaking, 3 speeds
Printer	Built-in Thermal printer, optional external printer
Interface Connection	USB-A, USB-B, RS-232, Printer
Power Supply	100 ~ 240V, 50 ~ 60Hz
Dimension	475(L) x 350(W) x 210(H)mm
Net Weight	11.5kg

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UB-DRW-320

Microplate Washer

Main Features:

- Large LCD display, menu designed for convenient use
- Whole plate washing or single strip washing
- 12-way and 8 way manifold included
- Low residual volume by two pipettes
- Complete bottom washing
- Shaking and dipping function
- Automatic monitoring of vacuum and pressure, automatic rinse cycle
- Flat, V-bottom or U-bottom plate and strips washing
- Large memory to store up to 120 user's programmed wash protocols
- Emergency stop available and liquid warning

Technical Specification

Model No.	UB-DRW-320
Input	8 key membrane keyboard
Display	High brightness LCD display screen
Manifold	8 pins and 12 pins
Wash Mode	Strip mode and plate mode
Wash Strip	1 ~ 12 adjustable
Applicable Well	Falt, V-bottom or U-bottom
Washing Times	0 ~ 99 times adjustable
Dipping Time	0 ~ 3600s adjustable
Shaking time	0 ~ 600s adjustable
Residual Volume	≤ 1uL/well
Liquid Volume	50 ~ 3000uL/well
Sipping Time	0.1 ~ 9.9s
Storage Capacity	More than 120 user defined wash board procedures
Power Supply	100 ~ 240V, 50 ~ 60Hz
Dimension	448(L) x 382(W) x 163(H)mm
Net Weight	8kg
Operating Environment	RT +5 ~ 40, Max. Humidity 80%