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Diatek



**WUXI HIWELL-DIA TEK
INSTRUMENTS CO.,LTD**

INSPECTION INSTRUMENT SUPPLIER

<http://www.diateklab.com>

Diatek

Company qualification



Company profile

Diatek, affiliated with HUAWEN group, is one of the professional global providers of IVD devices and related software.

Since foundation in 2003, we are dedicated to developing, manufacturing sales and service of IVD equipments. Our main Products are ELISA microplate reader and ELISA microplate washer.

Diatek products are widely used in hospitals, clinics, disease control centers, blood bank, scientific research laboratories, veterinary clinics.

Diatek has got ISO9001, ISO13485 and CE. We are contiously focusing on product and service quality improvement.

Diatek products are sold to more than 30 countries in the world. And we have built a distribution and service network in Asia, North and Latin America, Europe and Afrecia.

Inspired by our customers, we will persue better product and service.



Microplate Reader DR-200Bn

Microplate Reader DR-200Bc



Main Features

- * Single or dual wavelength measurements, comprehensive qualitative and quantitative data-evaluation functions with cut-offs, curve-fits and transformation formulas
- * Proven optical system with 8 channel optical fiber scanning, auto plate centering system positions the center of the cell accurately
- * Performing 12 different tests just in one plate
- * Store 500 test items and 10,000,000 test data
- * Multi-forms in result output including patient comprehensive report
- * Auto Lamp adjustment and auto calibration, improve the efficiency of the system and reduce the cost
- * With USB interface, easily connect to PC , comprehensive functions with Found WordStation PC software.

Main Features

- * Touch screen, 7" high resolution LCD display
- * Built-in printer
- * 8 channel 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 data,500 test projects
- * User-friendly and easy to programme
- * Easy connect to PC , provide DIATEK ELISA Reader software



LED light

Technical Specification

Input: DIATEK ELISA Reader software
Microplate types: 96/ 48 -well plate
Photodetector: Silicon Photodiode
Light source: 8v/50w Controlled tungsten halogen lamp OR **LED light**
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
Shaking: Linear Shaking , 3 speeds
Interface connections: USB
Power supply: 100~240V, 50~60Hz
Dimensions:460(L)×350(W)×197(H)mm
Net weight: 7 kg



Optional LED Light (lifetime warranty)
Incubation

Technical Specification

Microplate types: 96/ 48 -well plate
Photodetector: Silicon Photodiode
Light source: 8v/50w Controlled tungsten halogen lamp OR **LED light**
Wavelength range: 400nm~800nmStandard 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 Wavelengths≤6s
Shaking: Linear Shaking , 3 speeds
Printer :Built-in Thermal Printer,optional external printer
Interface connections: 2×USB,1×RS-232, PS2 Mouse&Keyboard
Power supply: 100~240V, 50~60Hz
Dimensions: 460(L)×350(W)×197(H)mm
Net weight: 8kg

Microplate Reader DR-200B



Main Features

- * Touch screen with 10.4" color LED display, resolution 1024*600
- * Built-in printer
- * Large Intelligent operation interface, easy connect to PC
- * Flexible Plate layout with Blanks, Standards, Samples, Reference, QC in one screen
- * Comprehensive qualitative and quantitative data-evaluation functions with cut-offs, curve-fits and transformation formulas
- * More than 20 different report formats
- * Auto Lamp adjustment and auto calibration
- * Support keyboard and mouse with USB interfaces
- * Stable memory stores up to twenty million test data, 500 test projects.



Technical Specification

Microplate types: 96/ 48 -well plate
Photodetector: Silicon Photodiode
Light source: 8v/50w Controlled tungsten halogen lamp OR **LED light**
Wavelength range: 400nm~800nm
Standard filters: 405,450,492,630nm & 4 optional
Reading range: 0.000~4.000A
Resolution: 0.001A
Accuracy: $\pm 0.008A$
Reproducibility: $\leq 0.2\%$
Stability: $\pm 0.003A$
Reading Speed : Single Wavelength $\leq 3s$;Double Wavelength $\leq 6s$
Shaking: Linear Shaking , 3 speeds
Printer :Built-in Thermal Printer, optional external printer
Interface connections: DVI,VGA,NETWORK INTERFACE,USB,AUDIO INTERFACE, RS-232
Power supply: 100~240V, 50~60Hz
Dimensions: 460(L)×350(W)×197(H)mm
Net weight: 8kg

Optional LED Light (lifetime warranty)
Incubation

Microplate Washer DRW-310/320



Main Features

- Large LCD display, menu designed for convenient use
- Whole plate wash or single strip wash
- Waste liquid overflow alarm function
- Low residual volume
- One-point, Two-point and Complete bottom wash
- Shaking and soaking function
- Flat, V-bottom or U-bottom plate and strips wash
- Large memory to store up to 48 user programmed wash protocols

Technical Specification

- Input: 8 key membrane keyboard
- Display : High brightness LCD display screen
- Manifold: 8 pins and 12 pins
- Wash strips: 1~12 strip adjustable, Skip strip allowed
- Wash cycle: 1~99 times adjustable
- Soak time: 0~24h adjustable, step by 1s
- Shake time: 0~600s adjustable, step by 1s
- Residual volume: ≤1μL/well
- Liquid volume: 10~3000ul/well
- Aspiration time: 0.1~9.9s
- Storage Capacity: More than 100 user defined wash board procedures
- Power supply: 220V, 50Hz
- Dimensions: 448(L)×382(W)×163(H)mm
- Net weight: 8kg
- Operating Environment :Temperature 5℃~40℃,Max humidity 80%

Microplate Washer DRW-330



Main Features

- Large touch screen, High touch sensitivity
- plate and strip wash adjustable
- Complete bottom wash and Shaking and Soaking function
- Can be paused during washing
- With 2-point aspiration, bottom wash, and fine adjustment of wash liquid pressure
- Line Wash function with adjustable washing time to avoid pipe block effectively.
- Suitable for Flat, V-bottom or U-bottom microplate
- Large memory to store up to 100 user programmed wash protocols.



Technical Specification

- Manifold: 8 pins and 12 pins
- Wash mode: plate or strip
- Wash cycle: 1~99 times adjustable
- Wash strips: 1~12 strips adjustable, Skip strip allowed
- Soak time: 0~24h adjustable ,Step by 1(s or min)
- Shake time: 0~24h adjustable ,Step by 1(s or min)
- aspiration time: 0.1_9.9s
- Residual volume: ≤1μl /well
- Liquid volume: 10~9999uL