



LW R96 Microplate Reader

- 8-channel optical measuring system
- Optional single/double wavelength analysis
- Extensive onboard data analysis
- Variable speed shaking
- Cut off and call criteria
- Touch screen , large LCD display
- Advanced high-speed microprocessor and man-machine conversation

LANDWIND
MEDICAL

• Specifications

- **WAVELENGTH**
Accuracy ($\pm 2\text{nm}$), Half width ($\leq 12\text{nm}$), Peak transmittance ($\geq 35\%$)
- **WAVELENGTH RANGE**
405 nm, 450 nm, 492 nm, 630nm. 4 free positions for optional filters
- **READING RANGE**
0.000 - 3.500A, Measurement range: 0.000 - 2.500A
- **ABSORBANCE RESOLUTION**
0.001A (Internally: 0.0001A)
- **ABSORBANCE ACCURACY**
 $\pm 0.03\text{A}$ (0 - 2.5A)
- **REPEATABILITY**
(CV, %): $\leq 1\%$
- **LINEARITY**
Error requirements



Wavelength Range (nm)	Absorbance(A)	Linearity Error%
405 - 630	0.0 - 2.5	$\leq 2.5\%$

- **STABILITY**
 $\leq 0.005\text{A}/10\text{min}$
- **READING SPEED**
Single wavelength $< 20\text{s}/\text{plate}$ (96-well plate)
Dual wavelength $< 35\text{s}/\text{plate}$ (96-well plate)
- **VIBRANCY**
Vibrant Speed (High, Normal, Low)
Vibrant Time (0 - 60s)
- **POWER SUPPLY**
AC220V/110V $\pm 10\%$, 50/60Hz
- **INPUT POWER**
100VA
- **AMBIENT TEMPERATURE**
10 $^{\circ}\text{C}$ ~40 $^{\circ}\text{C}$
- **RELATIVE HUMIDITY**
20%~85%
- **WEIGHT**
9.5kg

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DISTRIBUTOR:

Specifications and appearance are subject to change without prior notice.

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