

LIFE TECH

Life Technologies™

Your Molecular & Cell Technology Partner

Microplate Reader / Washer



Life Technologies (India) Pvt. Ltd.

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Technical Specifications of LTER500 Microplate Reader

is an eight-channel microplate reader with the most sophisticated technology, high quality, high reliability and easy to operate.

Measuring System	8 channels
Analysis Mode	Cut-off, single and multi-standard, O.D., bichromatic, dynamic reading, etc
Linear Range	0.001-3.500 Abs
Photometric Accuracy	±1% or ±0.001 Abs
Repeatability	<1.0%
Stability	<0.005 Abs/hr
Linearity	<±1.0%
Sensitivity	0.001A
Channels Discrepancy	0.002A
Optical Filters	405/450/492/630nm, other filters available on request
Reading	Automatic focusing function makes the results more precise
Tray Shaking	Yes
Storage	100 programs
Display	Touch screen
Interface	RS-232 and USB port
Printer	Internal printer, external printer are available
Power Supply	AC 220V 50Hz or 110V 60 Hz
Dimensions	46cm*33cm*27cm
Weight	7.5kg

Technical Specifications of LTW600 Washer

is an automatic washer for microplates. It is capable of washing all types of microplate wells and provide automatic plate calibration. 8 or 12 channel modes are available and can be easily fitted to wash single, multi-strips or a complete 96-well plate.

Residual Volume	<2ul / well
Dispensing volume	50ul-500ul
Dispensing Precision	<2%CV AT 300ul across plate
Dispensing Error	<2%
Working Temperature	8°C -50°C
Plate Type	96/48 well plate or strip
Manifolds	8 or 12 way available
Wash Cycles	0~99
Soak Time	0-3600 seconds
Shaking time	0-99 seconds
Alarming	Automatic alarm after washing
Self-test Function	Automatic location check
Storage	50 programs
Language	English or other languages are available on request
Interface	RS232 and USB port
Display	Back-illuminant LCD
Power Supply	AC 220V 50Hz or 110V 60Hz
Dimensions	48cm X 40cm X 27cm
Weight	6.0kg

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