

Water Purifier

Water Purifier



Water Purifier LWPUR-A10 is a system having an output capacity of 15 L/hr and a flow rate of 2 L/min. It provides both RO and ultrapure water for various laboratory needs. Advanced technology, easy installation procedure, water storage in tank (option), etc. are some of the features which ensures good water quality and required output. It finds applications in several laboratory, hospital, industrial operations.

Features:

- Supplies Type 1 (ultra-pure) and Type 3 (RO) water
- Spun fiber and active carbon block cartridge, 100 GPD RO membrane
- Includes TDS/conductivity pen
- 4 gallon water tank
- Auto power on and off according to water outflow and inflow
- Compact Design

Applications:

It is used to prepare ultra-pure and RO water. RO water is used in general biology experiments, agricultural experiments, ware washing, as an inlet for ultra-pure water etc. while ultrapure water is used in steam generators, injection water in healthcare, microanalysis, etc.

Specifications:

Model no.	LD-LWPUR-A10
TDS	RO water: 5 to 10 ppm
Power	72 W
Weight	about 16 kg
RO unit	100GPD RO membrane ×1
Bacteria	< 0.1 cfu/ml (with optional 0.45+0.1 µm PES terminal filter)
Flow rate	Up to 2 litres/minute (with pressure tank)
Resistivity	15-18 MΩ.cm
Conductivity	0.067 to 0.055 µs/cm
Other Details	<div id=
Output (25°C)	15 Litres/hour
Subsequent Unit	Mixed bed resin cartridge ×2
RO water quality	<div id=
Pure water outlet	RO water, deionized water
Particle(>0.1µm)	< 1/ml (with optional 0.45 + 0.1 µm PES

	terminal filter)
Pure water quality	<div id=
Purification System	<div id=
Working Environment	<div id=
Dimension (L× W × H)	410×220×420 mm
Standard configuration	Main body (Including 1 set of cartridge) + 4.0 gallon water tank + TDS/conductivity test pen
Electrical requirements	AC 110 to 240 V, 50/60 Hz
Feed water requirements	For Tap water; temperature: 5 to 45°C, pressure: 1.0 to 4.0 Kg/cm ²
Organics rejection rate	> 99 % (when MW > 200Dalton)
Particles and bacteria rejection rate	> 99%

Water Purifier LWPUR-A11 is a system having an output capacity of 30 L/hr and a flow rate of 2 L/min. It provides both RO and ultrapure water for various laboratory needs. Advanced technology, easy installation procedure, water storage in tank (option), etc. are some of the features which ensures good water quality and required output. It finds applications in several laboratory, hospital, industrial operations.

Features:

- Supplies Type 1 (ultra-pure) and Type-3 (RO) water
- Spun fiber and active carbon block cartridge, 100 GPD RO membrane
- Includes TDS/conductivity pen
- 4 gallon water tank
- Auto power on and off according to water outflow and inflow
- Compact Design

Applications:

It is used to prepare ultra-pure and RO water. RO water is used in general biology experiments, agricultural experiments, ware washing, as an inlet for ultra-pure water etc. while ultrapure water is used in steam generators, injection water in healthcare, microanalysis, etc.

Specifications:

Model no.	LD-LWPUR-A11
TDS	RO water: 5 to 10 ppm
Power	72 W
Weight	about 16 kg
RO unit	100GPD RO membrane ×2
Bacteria	< 0.1 cfu/ml (with optional 0.45+0.1 µm PES terminal filter)
Flow rate	Up to 2 litres/minute (with pressure tank)
Resistivity	15-18 MΩ.cm
Conductivity	0.067 to 0.055 µs/cm
Other Details	<div id=
Output (25°C)	30 Litres/hour
Subsequent Unit	Mixed bed resin cartridge ×3
RO water quality	<div id=
Pure water outlet	RO water, deionized water
Particle(>0.1µm)	< 1/ml (with optional 0.45 + 0.1 µm PES

	terminal filter)
Pure water quality	<div id=
Purification System	<div id=
Working Environment	<div id=
Dimension (L× W × H)	410×220×420 mm
Standard configuration	Main body (Including 1 set of cartridge) + 4.0 gallon water tank + TDS/conductivity test pen
Electrical requirements	AC 110 to 240 V, 50/60 Hz
Feed water requirements	For Tap water; temperature: 5 to 45°C, pressure: 1.0 to 4.0 Kg/cm ²
Organics rejection rate	> 99 % (when MW > 200Dalton)
Particles and bacteria rejection rate	> 99%

Water Purifier LD-LWPUR-B10 is a laboratory water purification system designed to produce high-quality purified and ultrapure water through a multi-stage purification process. It provides RO, DI and UP water for laboratory procedures requiring consistent water quality and reliable purification performance.

Features:

- Multi-stage purification system combines filtration, RO, UV, and ultrapure purification technologies
- High-purity water production meets the requirements of demanding laboratory applications
- 5-inch LCD display provides clear and convenient system operation
- Real-time monitoring keeps track of water quality during operation
- Automatic flushing helps maintain effective purification performance
- Consumable alerts indicate when filters and purification components need replacement
- High and low pressure protection enhances operational safety
- Automatic water shut-off helps prevent unnecessary water consumption
- Timed dispensing enables convenient and controlled water delivery
- Multiple water outlets provide easy access to different grades of purified water

Applications:

Suitable for laboratories, research facilities, pharmaceutical testing, molecular biology, analytical testing, and general laboratory applications.

Specifications:

Model no.	LD-LWPUR-B10
Dimensions	386 × 481 × 461 mm
Gross Weight	26.5 kg
Power Supply	AC 100–220 V, 50/60 Hz
UP Water TOC	20 µg/L
Water Output	UP Water, RO Water, DI Water
UP Water Silicon	<2 µg/L
Power Consumption	100 W
UP Water Bacteria	<1 CFU/100 mL
Water Output Speed	40 L/h / 60 L/h at 25°C
DI Water Absorbance	≤0.001 at 254 nm
Purification System	PP Filter + Activated Carbon Filter + RO Membranes + Ultra-purification Columns + Capsule Filter

UP Water Sodium Ion	<0.1 µg/L
DI Water Resistivity	10-18.1 MΩ·cm @ 25°C
Inlet Water Pressure	0.1-0.3 MPa
Purification Process	PF + AC + RO + AC + UV + UP + TF
UP Water Resistivity	18.1 MΩ·cm @ 25°C
RO Ion Rejection Rate	96-99%
UP Water Chloride Ion	<0.1 µg/L
Inlet Water Temperature	5-45°C
DI Water Soluble Silicon	≤0.01
UP Water Heavy Metal Ion	<0.1 µg/L
RO Organic Rejection Rate	>99%
Particle & Bacteria Rejection	>99%