



Type II Water Purification System

(Single Pass Models)

 **LABTRON**

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Type II Water Purification System

Type II Water Purification System LTWP -A1 series is a 30 L / 80 L capacited modular design which meets the needs of basic laboratory water purifier. It provides Type II level water with consistency and reliability with a TOC level of < 20 ppb. Remove approximately 98% of inorganic ions and 99 % of all dissolved organic substances. These systems produce and reject water at the same time .Equipped with easy replaceable filters. It's designed to deliver compliant purified water with clear quality parameters and care free maintenance.

Features

- ▶ Advanced Single Pass reverse osmosis system for excellent water quality
- ▶ Equipped with 30 L / 80 L water holding tank
- ▶ Type II level water produced
- ▶ TOC level < 20 ppb
- ▶ Source of inlet water – Tap water
- ▶ Benchtop / Floor Standing
- ▶ LCD display to monitor the intake of water pressure and various parameters intuitively
- ▶ Anti-fouling RO membrane prevention programme
- ▶ Online monitoring of water resistance
- ▶ Ease of cleansing , disinfecting and draining waste water
- ▶ Micro filter membrane to filter out pollutants
- ▶ Automatic RO membrane antiscaling flushing to extend the life of the RO membrane

Type II Water Purification System

Specification

Model No	LTWP -A10	LTWP -A11	LTWP -A12
Output of Pure water	≥ 10 L / hr.	≥ 20 L / hr.	≥ 30 L / hr.
Process	Single Pass RO system	Single Pass RO system	Single Pass RO system
Water Type	Type II	Type II	Type II
Water Tank capacity	30 L	30 L	30 L
Configuration	Benchtop	Benchtop	Benchtop
Output of Ultrapure water	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min
Resistivity at 25°C	10-16 M Ω. cm	10-16 M Ω. cm	10-16 M Ω. cm
Conductivity at 25°C	≤ 10 μs / cm	≤ 10 μs / cm	≤ 10 μs / cm
TOC	< 20 ppb	< 20 ppb	< 20 ppb
Absorbance (254 nm)	≤ 0.001	≤ 0.001	≤ 0.001
Reactive Silica (SiO ₂)	< 0.01 ppm	< 0.01 ppm	< 0.01 ppm
Heavy metal	< 0.01 ppm	< 0.01 ppm	< 0.01 ppm
Electrical requirements	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz
Power	≥ 100 W	≥ 150 W	≥ 200 W
Dimensions (L x W x H)	340 x 550 x 530 mm	340 x 550 x 530 mm	340 x 550 x 530 mm
Weight	35 kg	35 kg	35 kg

Type II Water Purification System

Specification

Model No	LTWP -A13	LTWP -A14
Output of Pure water	≥ 40 L / hr.	≥ 50 L / hr.
Process	Single Pass RO system	Single Pass RO system
Water Type	Type II	Type II
Water Tank capacity	80 L	80 L
Configuration	Floor Standing	Floor Standing
Output of Ultrapure water	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min
Resistivity at 25°C	10-16 M Ω. cm	10-16 M Ω. cm
Conductivity at 25°C	≤ 10 μs / cm	≤ 10 μs / cm
TOC	< 20 ppb	< 20 ppb
Absorbance (254 nm)	≤ 0.001	≤ 0.001
Reactive Silica (SiO ₂)	< 0.01 ppm	< 0.01 ppm
Heavy metal	< 0.01 ppm	< 0.01 ppm
Electrical requirements	220 V / 50 Hz	220 V / 50 Hz
Power	≥ 200 W	≥ 350 W
Dimensions (L x W x H)	340 x 550 x 530 mm	340 x 550 x 530 mm
Weight	35 kg	35 kg



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