

# **Type I and Type III RO Water Purification System LD-LOTW-A13**

**Labodam Equipment Ltd.**

**[info@labodam.com](mailto:info@labodam.com) | [www.labodam.com](http://www.labodam.com)**

# Type I and Type III RO Water Purification System LD-LOTW-A13

## Overview

Type I and Type III RO Water Purification System LOTW-A13 is an ideal purifier for users who require constant production of Type I and Type III water. It is incorporated with advanced systems like RO and electrodeionization which helps user in controlling the water quality. This combinational system produces Type III water after RO and Type I water after deionization in one cycle. Users can extract Type III water from the tank or Type I water from the dispenser with the help of 2 integrated outlets. 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
- One step purification from tap water to Type I and Type III water
- Equipped with 80 L water holding tank
- Least TOC level < 3 ppb
- Source of inlet water " Tap water
- Equipped with 2 outlets for Type I and Type III water
- Floor Standing model
- LCD display to display the intake of water pressure and various parameters intuitively
- Programmed water shortage protection alarm
- 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

## Specifications:

<b>TOC</b>	< 20 ppb
<b>Power</b>	>= 200 W
<b>Weight</b>	30 kg
<b>Process</b>	Single Pass RO system
<b>Pyrogens</b>	< 0.02 EU / ml
<b>Water Type</b>	Type I and Type III
<b>Heavy metal</b>	< 0.01 ppm
<b>Configuration</b>	Floor Standing
<b>Water Tank capacity</b>	80 L
<b>Output of Pure water</b>	>= 40 L / hr.
<b>Absorbance ( 254 nm )</b>	≤ 0.001

<b>Resistivity at 25 °C</b>	18.25 M $\Omega$ ·cm
<b>Conductivity at 25 °C</b>	$\leq$ 10 $\mu$ S / cm
<b>Electrical requirements</b>	220 V / 50 Hz
<b>Dimensions ( L x W x H )</b>	340 x 550 x 530 mm
<b>Reactive Silica ( SiO<sub>2</sub> )</b>	< 0.01 ppm
<b>Output of Ultrapure water</b>	$\geq$ 1- 1.5 L / min