

# Ultrapure Water System

ANM-LWS-100 Ultrapure and RO Lab Water System



**15 LPH Lab Water System**



ANM-LWS-100 Lab Water System is an integrated system which produces ultrapure and reverse osmosis (RO) water from tap water directly of ultrapure water produced meets or exceeds ASTM, CLSI, CAP and ISO Type I water standards.

**MAIN APPLICATIONS:**

Pure water can be used in many areas. Here are some typical applications

**With Ultrapure Water**

- HPLC mobile phase preparation
- Preparation of reagent blank solutions
- As sample diluent for GC, HPLC, AA, ICP-MS and other analytical techniques
- Preparation of buffers and culture media for mammalian cell culture
- Preparation of molecular biology reagents, etc.

**With RO Water**

- Glassware cleaning
- Washing machine for glassware
- Water bath water
- Autoclave
- Feed water for laboratory animals

**Features:**

- Electrical and water compartments are completely separated, thus safer to operate
- Fully automated control system has pre-rinse, RO membrane fouling preventing flush, RO membrane & cartridge life detection and many other functions
- System automatically rinses a new RO membrane. User does not need to set special rinse program for a new RO membrane
- Two sets of dual-column purification cartridges work sequentially to ensure thorough removal of ions and organics in water
- Resistivity is measured by a high-precision resistivity meter
- User can set water dispensing time for the ease of water collection
- System comes standard with a 30-liter PE tank and a liquid level sensor
- A 0.2 µm terminal filter or a terminal ultrafiltration filter (optional) removes final contaminants

Model	Order Code	Description
LWS-100	ANM-LWS-100-1	ANM Model LWS-100 Ultrapure Lab Water System Feed: Tap Water. Output: RO & Type I Ultrapure Water System includes: <ul style="list-style-type: none"> <li>• 3-stage Prefiltration kit</li> <li>• RO membrane</li> <li>• 30 liter PE water tank with level sensor</li> <li>• ANM-Duo-H Pack cartridge</li> <li>• ANM-Duo-U Pack cartridge</li> <li>• 0.2 µm capsule filter</li> <li>• 185/254 nm Dual wavelength UV lamp</li> </ul>

Order Code	Description
ANMDH3000201	ANMDeo H Pak cartridge
ANMDU6000201	ANMDeo U Pak cartridge
ANMDU2Q2F6SKT	ANMDeo U Pak cartridge with a 0.2 µm PES Capsule Filter
ANMUV21701	185/254 nm dual-wavelength UV Lamp
ANMR010001	RO membrane for ANM-LWS-100 RO 10 System, 1/Pk
ANMR010001*2	RO membrane for ANM-LWS-100 20 System, 1/Pk
ANMR020001	RO membrane for ANM-LWS-100 2-Pass RO 10 System, 1/Pk
ANMPPA0112	Polypropylene Depth Filter, 10 inches 1 µm, 12/Pk
ANMAC1012	Activated Carbon Cartridge, 10 inches, 12/Pk
ANMAT1012	Softening cartridge, 10 inches, 12/Pk
ANM10311KT	Pre-Filtration Pack (3-Housing)
ANMPRE-LWS 100	Pre-Filtration Kit complete

