

## Rions Direct Ultra: Lab Water System

ULTRAPURE WATER DIRECTLY FROM THE TAP WATER

Rions HPLC grade "All in one" Lab Water system produces Pure & Ultrapure water directly from the tap water. The system meets all the well known water quality standards like: ASTM Type I, NCCLs Type I and ISO 3696. The water systems are designed with recirculation to ensure consistent product water supply with high quality. Compact table top design enables you to install the systems anywhere in your laboratory easily. The system online displays product water resistivity, % rejection (Conductivity cell present before RO) Tank water level, error codes, alarm for filter change and contains many built-in features that allow you to control and monitor the water quality with ease and convenience.

### Applications

These high quality systems produce high purity water that can be used in General Laboratory Applications, Life Science Research, Chromatography Applications, and most Type I and Type II applications.

### Specifications

Dispensing Rate	: 1-1.5 LPM
Ultra pure Water Quality	: 18.2 MΩ-cm
Pure Water Quality (R.O)	: 5 -15 Megohm-cm
Bacteria Levels	: < 1 cfu/ml
Organic Carbon Levels(TOC)	: 1-5 p.p.b.
Flow Rate	: 10 LPH
pH	: Effective Neutral



### Technology Used

This system incorporates many technologies in a single system to produce ultra purified water: Pretreatment sys (Prefil -III), Reverse Osmosis, Deionization, Dual UV (185 & 254nm), UF (optional), HDPE Storage Tank(20/30/50L) and 0.22 micron absolute filtration.

### Ordering Information

#### Description

Pretreatment Sys (10,5,&1 um with pump )  
RO Basic -Without monitoring (5 & 10 LPH)  
Type-II RO-DI Analytical grade:> (3 ,10,25 & 50 LPH)  
Type I HPLC Grade (D.Ultra)  
Type I Ultrapure (Basic/UV/UF/UV-UF Models)  
Type I Ultrapure (UV/UF-TOC)

#### Catalogue Number

PREFILL 111  
LAB- RO BASIC  
LAB RO-DI SERIES  
DIRECT ULTRA  
RS ULTRA SERIES  
Ultra UV-UF TOC

#### Consumables / Filters / Spares

Pre-Filter Set(5,3 & 1 microns ,Carbon & Anti sequestering filter cartridge )RS10PF  
Softener & Multimedia in vessel RSPRE2  
R.O Pre pack RS3512  
R.O Post DI pack RS3522  
R.O.Membrane 1/pk RS3502  
PE Tank ,20/30 L RS2300  
PE Tank ,50 L RS2310  
Tank Sensor Assembly RS2080  
Ultra-polishing Pack 2/pk RS2070  
Foot Switch SCPHR  
Organic scavenger cartridge 2/pk RSSMB02  
End Point Filter,0.22 micronwith 2 mtr. tube RS3641  
UF Cartridge with 5000NMWL cut off 1/pk RSSUF5K  
UV Replacement bulb (230V / 50Hz) RS3620  
Tank Vent Filter to eliminate air borne contamination RSSVENT



To Place an Order or Receive Technical Assistance contact us at **RIONS INDIA**

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(H<sub>2</sub>O) SOLUTIONS

Water purification, pure and simple

## RIONS Lab Water Purification Systems

### Mission Statement

**RIONS is dedicated to providing its customers with laboratory water purification systems that conveniently, economically, and reliably deliver the highest purity reagent grade water for laboratory applications, on a worldwide basis**



**The specialist** when it comes to purified water!