

INDION®
LAB-Q ULTRA⁺
 WATER MAKER

Ion Exchange with over five decades of experience in providing innovative total water management solutions presents INDION Lab-Q Ultra⁺ an efficient and cost-effective system for today's advanced laboratory needs. It produces Type 1 ultrapure water with Type 2 or Type 3 water as the feed. The system comprises of processes like Deionization, UV purification, Ultrafiltration & 0.2 μ final filter to generate ultrapure water for critical analytical and life science laboratory applications.

The simple plug and play design, user-friendly and compact solution is ideal for laboratories who need ultrapure water for critical application with 100% recovery.

Features

- Zero Wastage
- On demand ultrapure water dispensing
- Easy single-touch user interface

Advantages

- Easy installation
- Includes critical purification process
- On-site qualification support

Applications

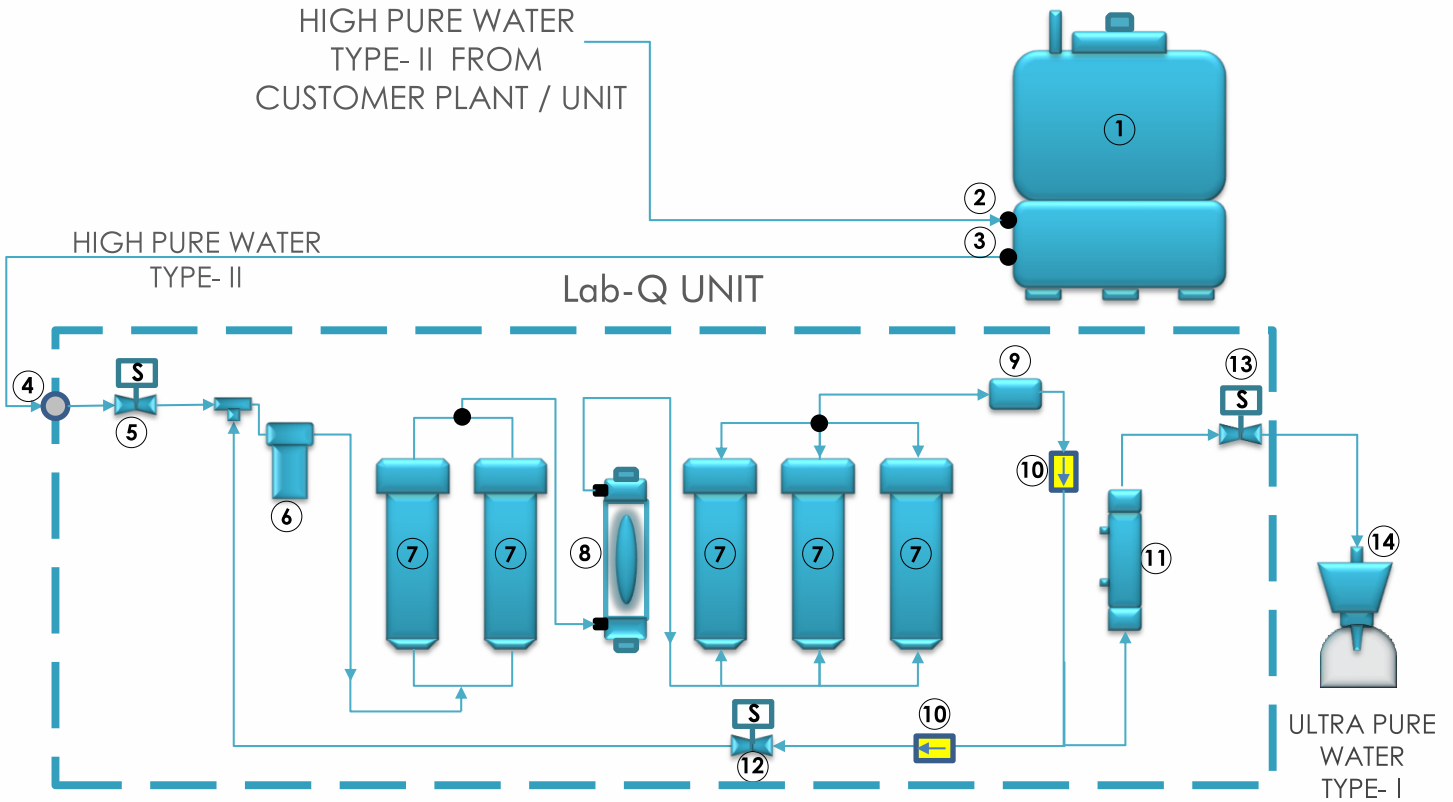
- HPLC, LCMS, ICPMS and others
- Molecular diagnostics & Microbiology
- Life Science research and analysis

Product Specifications

Parameters	Specifications
Feedwater	ASTM Type 2 or Type 1
Product water resistivity	18.2 MΩ
Product water TOC	<5 ppb
Product flow rate	>1.5 liters per minute
Endotoxin	<0.0001Eu/ml
DNase & RNase	Nil
Bacteria	<1cfu/ml



Schematic Flow of Lab-Q Polishing Unit



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|-------------------------------|-----------------------------|-------------------------|
| 1 TYPE- II WATER STORAGE TANK | 6 BOOSTER PUMP | 11 UF FILTER |
| 2 TYPE- II WATER INLET | 7 Lab-Q SUPER 10L CARTRIDGE | 12 RECIRCULATION S.V |
| 3 TYPE- II WATER OUTLET | 8 UV-18 MODULE | 13 DISPENSING S.V |
| 4 INLET BULKHEAD CONNECTION | 9 RESISTIVITY SENSOR | 14 CAPSULE FILTER 0.22μ |
| 5 TLC S.V | 10 ¼ " NRV | |

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice. Please contact our regional / branch offices for current product specifications.

INDION is the registered trademark of Ion Exchange (India) Ltd.

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