

**INDION<sup>®</sup>** **LAB-Q**  
WATER MAKER

Clinical, pharmaceutical and research laboratories require laboratory grade distilled water or equivalent quality water that consistently meets stringent water standards. Water below a desired quality not only affects the chemistry of the test conducted but also damages the instruments, which in turn, reduces the reliability of the test and also increases calibration time and reagent cost.

Ion Exchange with over five decades of experience in water and environment management presents INDION Lab-Q Water Maker. INDION Lab-Q combines various purification technologies to ensure reliable and consistent supply of purified laboratory grade water. It is a robust, easy to install water maker which can be operated effortlessly.

### Features

- Online Conductivity Meter - Displays product water quality for continuous monitoring
- Automatic Flush Device (AFD) - Ensures periodic cleaning of the filter system
- Dry Run Protection - Ensures protection of the pump when inlet water is unavailable
- High Quality Resins - Non-regenerative resins used; do not degrade as they are not exposed to harsh regeneration chemicals
- Optional Filtration - Micron / capsule filter can be attached at the point of dispensing spout
- Spare Kit - Lab-Q Guard, Lab-Q Clear and Lab-Q Ion Cartridges are included to avoid downtime

### Advantages

- Provides an efficient alternative to buying and storing laboratory grade distilled water
- Compact and portable counter top model ensures optimal use of lab space
- Low operating cost
- Requires minimum maintenance

### Applications

- Accessory for random access auto analyzers
- For reagent preparations and washing
- Instrument analysis
- Pharmaceutical industry
- Heating baths and biomedical applications
- Water for inverter batteries



## Feed Water Specification (Max.)

Parameters	Limits
TDS	500 ppm
Turbidity	5 NTU
Iron / Magnesium	Nil
Oil & Grease	Nil
Free Chlorine	Nil
Silica	<20 ppm
Inlet Pressure	Min 0.5 kg/cm <sup>2</sup> Max 2.0 kg/cm <sup>2</sup>
Total Organic Carbon (TOC)	3 ppm

## Performance Parameters

Parameters	Limits
Capacity	10 l/h
Turbidity	<1 NTU
Conductivity	<1 $\mu$ S/cm <sup>2</sup>
Total Organic Carbon (TOC)	<200 ppb

## Product Specifications

Parameters	Limits
Dimensions	450 mm x 240 mm x 440 mm
Turbidity	13 kg
Power Requirement	230 V AC $\pm$ 10%
Power Consumption	40 watts

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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