

INDION® QUENCHER™



An innovation that fulfills the pressing need to replace plastic with glass bottles. Easy to operate and environmentally sustainable.

INDION® QUENCHER™

A tailor-made innovation for the hospitality industry

Features

- INDION QUENCHER™ includes an easy to operate manual glass bottle washing and rinsing zone, followed by a calibrated water filling and capping zone. The processing zone comes with a SS sanitary finish to meet the hygiene levels of the plant.
- It also incorporates a zone specific air sanitizing facility to secure the bottling environment from air borne bacteria and fungi.
- Accessories provided include gloves, hairnet box & Bactaslide quick test kit.
- The unit serves as an in-house facility for bottling of drinking water using recyclable glass bottles and is a great replacement for plastic for the hospitality industry.



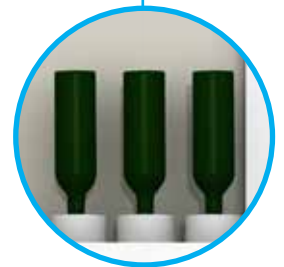
Filling unit programmed to fill accurate volumes of bottle fills



Capping unit for sealing of bottles using appropriate caps



Accessories provided – gloves & hairnet box, Bactaslide quick test kit



Zone for brushing and rinsing of incoming glass bottles

Environmental Sustainability

- Minimized water wastage - High recovery RO process and rinse water recycling saves 70% water as compared to conventional processes
- Does not need managing the remains of plastic bottles
- Chemical free CIP (Clean in place) sanitizing process keeps the water loops sanitized and it is eco-friendly

Advantages

- The entire system is housed within a compact foot print of 1.45 m x 1.7 m x 1.8 m
- Easy to install kiosk kit
- An in-situ silver ionization process that keeps the water processing loops sanitized 24X7
- Water purification process comprising of RO, mineralization and silver ionization ensuring highest purity standards
- Uses pure RO water for bottle rinsing and also recycles this precious rinse water for reuse thereby maximizing water savings.
- Greater hygiene control with sterilizer cabinet for intermediate bottle storage / movement.
- Options for choosing bottle capping method
- User friendly access to the interiors of the bottling kiosk for easy servicing

Bottling Plant Specifications

Unit size (Meter)	1.45 m x 1.7 m x 1.8 m
Type of operation	Manual / Semi Automatic
Capacity (BPH)	150 max / 500ml bottles
Filling volumes	Adjustable 100 – 1000 ml
Brushing heads	2
Washing heads	6
Filling heads	2
Capping type	Ring pull cap – 1 point

Water Purification Specifications

Purification Stages	Sediment Filtration, Activated Carbon Filtration, Reverse Osmosis, Mineralization
Hydraulic Loop Sanitization	ESS based silver Ionization
RO Water Recovery	70 - 80%
Rinse Water Recovery	Upto 60 - 70 %
Residual Protection	Silver ionization
Overall Water Savings	Upto 70%
Source Water Specification	TDS 1200 max Fe, Mn, Si, O&G - Nil

General Specifications

Operating Voltage	230 VAC, 50 Hz
Power Consumption	0.45KW (Typical for 150 BPH operation @ 500ml bottles)
Water Consumption	195 Litres (Typical for a 150 BPH operation @ 500ml bottles)

Accessories

Hair net, Dust Mask and Gloves box	As essentials for bottling hygiene
Bactaslide Quick test kit	For quick microbial analysis of water potability
Bottle trolleys (optional)	For transportation of bottles
Bottle disinfection cabinet	For disinfection of rinsed bottles

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.

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