



**LabService
Providers**

LABORATORY EQUIPMENT & INSTRUMENTATION
PRODUCT CATALOGUE

WATER SYSTEMS

WATER SYSTEMS



GENIE PURIST

- Ultrapure water system for Type 1 ultrapure water from RO, distilled or deionised water.
- Main applications include: HPLC mobile phase preparation; preparation of reagent blank solutions; sample diluent for GC, JPLC, ICP-MS, AA and other analytical techniques; preparation of buffers and culture media for mammalian cell culture; preparation of molecular biology reagents etc.
- Wireless communication for increased flexibility across greater dispenser distances.
- Robust, easy clean, scratch resistant touch screen with built in viewing angle and flexible placement for optimal control.
- Operate with gloves or wet hands.
- Compact, height adjustable dispenser on anti-skid base for one handed operation.
- Manual and volumetric dispensing, adjustable dispensing rate and water quality monitoring.
- RFID tracking of consumables and accessories for real-time Operational intelligence.
- Online TOC based on complete oxidation methodology.
- Full range of cartridges for applications including ultra-low TOC, low Mg, low boron, ICP and DI.
- Dual wavelength UV lamp eliminates bacteria and reduces TOC to trace level.
- Range of filters to remove specific contaminants.
- Feed water conductivity monitoring for optimal running conditions.
- Universal water level sensor to prevent pumping air.
- Optional, automatic system shut-off on water leakage.
- Full data print and export functionality.



GENIE U

- Single, integrated unit for Type I ultrapure and RO water from tap water. (Meets or exceeds ASTM, CLSI, CAP, and ISO Type I water standards.)
- Main applications with ultrapure water include: HPLC mobile phase preparation; preparation of reagent blank solutions; sample diluent for GC, JPLC, ICP-MS, AA and other analytical techniques; preparation of buffers and culture media for mammalian cell culture; preparation of molecular biology reagents etc.
- Main applications with RO water include: glassware cleaning, washing machine for glassware, water bath water, autoclave, feed water for laboratory animals.
- Wireless communication for increased flexibility across greater dispenser distances.
- Online TOC based on complete oxidation methodology.
- Stable RO permeability over a wide range of water temperatures.
- Robust, easy clean, scratch resistant touch screen with built in viewing angle and flexible placement for optimal control.
- Operate with gloves or wet hands.
- Compact, height adjustable dispenser on anti-skid base for one handed operation.
- Manual and volumetric dispensing, adjustable dispensing rate and water quality monitoring.
- RFID tracking of consumables and accessories for real-time operational intelligence.
- Full range of cartridges for applications including ultra-low TOC, low Mg, low boron, ICP and DI.
- Dual wavelength UV lamp eliminates bacteria and reduces TOC to trace level.
- Range of filters to remove specific contaminants.
- Tank water level display from the continuous liquid level sensor on the storage tank.
- Feed water conductivity monitoring for optimal running conditions.
- Universal water level sensor to prevent pumping air.
- Automatic system shut-off on water leakage.
- Optional tank circulation mode to maintain stable water quality.
- Full data print and export functionality.





GENIE G

- Single, integrated unit for Type I ultrapure and Type II pure water from tap water.
- Combines optimised sequence of water purification technologies in a compact unit and is suitable for research professionals over a variety of applications using both Type 1 ultrapure and EDI pure water.
- Main applications with ultrapure water include: HPLC mobile phase preparation; preparation of reagent blank solutions; sample diluent for GC, JPLC, ICP-MS, AA and other analytical techniques; preparation of buffers and culture media for mammalian cell culture; preparation of molecular biology reagents etc.
- Main applications with EDI water include: preparation of chemical and bio-reagents; preparation of culture media; preparation of solutions for chemical analysis such as HPLC and ICP; for clinical analysers; medical device and equipment rinsing; serum and blood fractionation for ophthalmics.
- Wireless communication for increased flexibility across greater dispenser distances.
- Online TOC based on complete oxidation methodology.
- Stable RO permeability over a wide range of water temperatures.
- Exceptionally consistent and predictable high purity Type II water from the IonPure EDI electrodeionisation module.
- Robust, easy clean, scratch resistant touch screen with built in viewing angle and flexible placement for optimal control.
- Operate with gloves or wet hands.
- Compact, height adjustable dispenser on anti-skid base for one handed operation.
- Manual and volumetric dispensing, adjustable dispensing rate and water quality monitoring.
- RFID tracking of consumables and accessories for real-time operational intelligence.
- Full range of cartridges for applications including ultra-low TOC, low Mg, low boron, ICP and DI.
- Dual wavelength UV lamp eliminates bacteria and reduces TOC to trace level.
- Range of filters to remove specific contaminants.
- Tank water level display from the continuous liquid level sensor on the storage tank.
- Feed water conductivity monitoring for optimal running conditions.
- Universal water level sensor to prevent pumping air.
- Automatic system shut-off on water leakage.
- Optional tank circulation mode to maintain stable water quality.
- Full data print and export functionality.

SUPER-GENIE WATERSTATION

- Centralised workstation with daily pure water production (up to 7000 litres) from tap water.
- Designed to produce large volumes of RO, Type II pure water or ultrapure water.
- Quality of product water meets or exceeds standards defined by ASTM, CAP, CLSI, ISO 3696 / BS 3997, European and US Pharmacopoeia.
- **4 types available** to meet a range of needs: **(1) Super-Genie G:** produces Type I ultrapure and Type II analytical grade pure water directly from tap; production ranges from 30 to 250 l/h, with dispensing rate up to 2 l/min; incorporates IonPure EDI module. **(2) Super-Genie E:** produces Type II water directly from tap; Type II water production ranges from 30 to 250 l/h, with Type I water dispensing rate up to 2 l/min; incorporates IonPure EDI module. **(3) Super-Genie U:** produces Type I ultrapure and RO laboratory grade water directly from tap; RO water production ranges from 50 to 300 l/h with Type I water dispensing rate up to 2 l/min. **(4) Super-Genie R:** produces RO laboratory grade water directly from tap; RO water production ranges from 50 to 300 l/h with dispensing rate up to 2 l/min.
- Provides integrated control of water purification, storage and distribution for a single laboratory or laboratory network.
- Built in pre-treatment pack including prefiltration, chlorine removal and anti-scaling media.
- Optimised RO-reject water recovery loop to maximise efficiency.
- Automatic system shut off on water leakage.
- Integrated 100 litre reservoir – which can be upgraded to suit individual needs.
- Emergency by-pass loop for maximum operating reliability.
- Multi-language display.





**LabService
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a wide range of laboratory environments.**

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QUALITY
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