

purite neptune ultimate

The Purite Neptune Ultimate provides a high flow of guaranteed 18.2MΩcm ultrapure water for analytical and life science laboratory applications.

The Purite Neptune Ultimate utilises a number of proven technologies to produce ultra-pure, 18.2MΩ.cm water on-demand, including:

- Ion exchange cartridges incorporating monospherical, semiconductor grade mixed bed deionising resin with a low TOC leaching profile and a high activity organic absorption media
- Sub-micron and ultrafilter to remove particles, bacteria and endotoxins
- 185nm or photo-oxidising UV to cleave organic compounds into smaller charged ionic species that can be removed by ion exchange
- 254nm UV to reduce bacteria by more than 99%
- UV LED disinfection incorporated within the dispense head
- WiFi enabled for remote monitoring and operation.

The Purite Neptune Ultimate recirculates purified water to maintain its quality and include data capture for traceability and intelligent monitoring systems that place the unit into standby when it's not in use. Each unit also features semi-automated cleaning and sanitising routines, TOC indication and alarms for cartridge, UV and filter replacement.



▶ purite neptune ultimate process flow

