



Proseers

Water solution for ultra-trace elemental analysis

Applications:

- ICP-MS/ nano UHPLC/ nano LC-MS/ LC-ESI- MS/ GF-AAS analyses
- Detection and measurement of elements at ppt and sub-ppt levels in samples
- Trace and ultra-trace elemental analyses
- Electronic chip flushing
- Environmental testing, drug analysis, forensic medicine, food and beverage industry, etc.

Nova Zero-ion, is purification terminal and dispensing unit of Nova U and Nova EU series, can directly remove trace ions of ultrapure water providing ppt or sub-ppt ultrapure water for sensitive analyses such as trace and ultra-trace elemental analysis.



Main features

Compact design occupies less space, simple dispenser unit can be placed in super clean area to reduce contamination. Equipped with NFC chip recognition, internet of things technology, online real time U-cloud remote monitoring.

Trace analysis ultra-purification cartridge



- Unique cartridge with patented electronica grade resin, easy to replace
- Brand-new waterway design, more loading capacity and stable water quality
- Unique connection design, stronger pressure resistance, better tightness

Outlet pipe support



- Easy to place in any clean environment
- Integrated design, easy to clean, prevent the growth of bacteria
- Good chemical stability, suitable for any environmental conditions

Intelligent human-computer interaction

5"LCD touch screen, animated icons, easy to operate



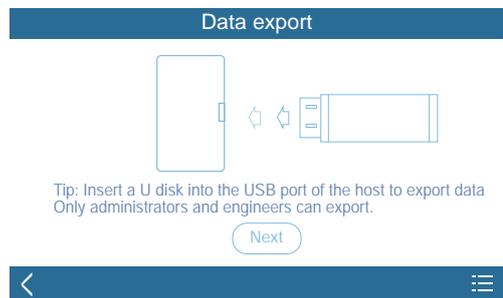
Three-level access authorities, convenient laboratory management



Clear running status and information display

ion_col	
Name	ion_col
Identification code	95437000
Installation date	2022-01-13
Running time	47Day
Volume	11000L

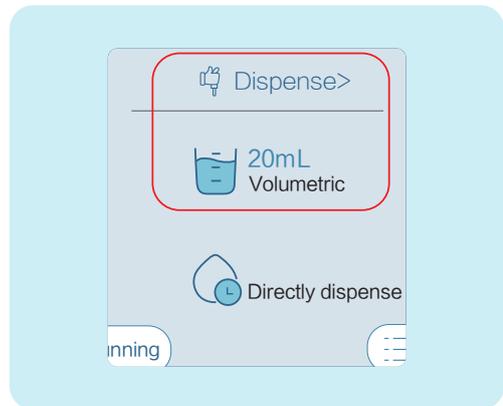
Water quality report viewing and exporting function



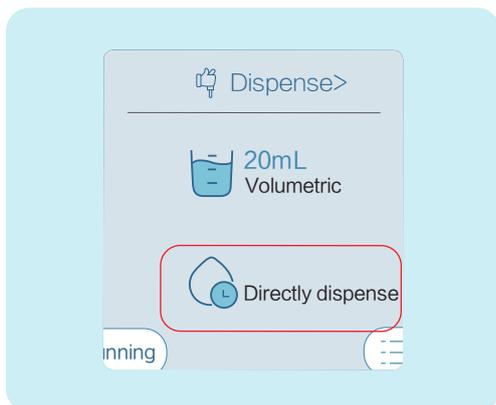
Dispense control



Flow rate control by Type I water dispenser arm, up to 2L/min



Quantitative water dispense



Directly dispense by click the icon



Foot pedal frees your hands

Technical parameters

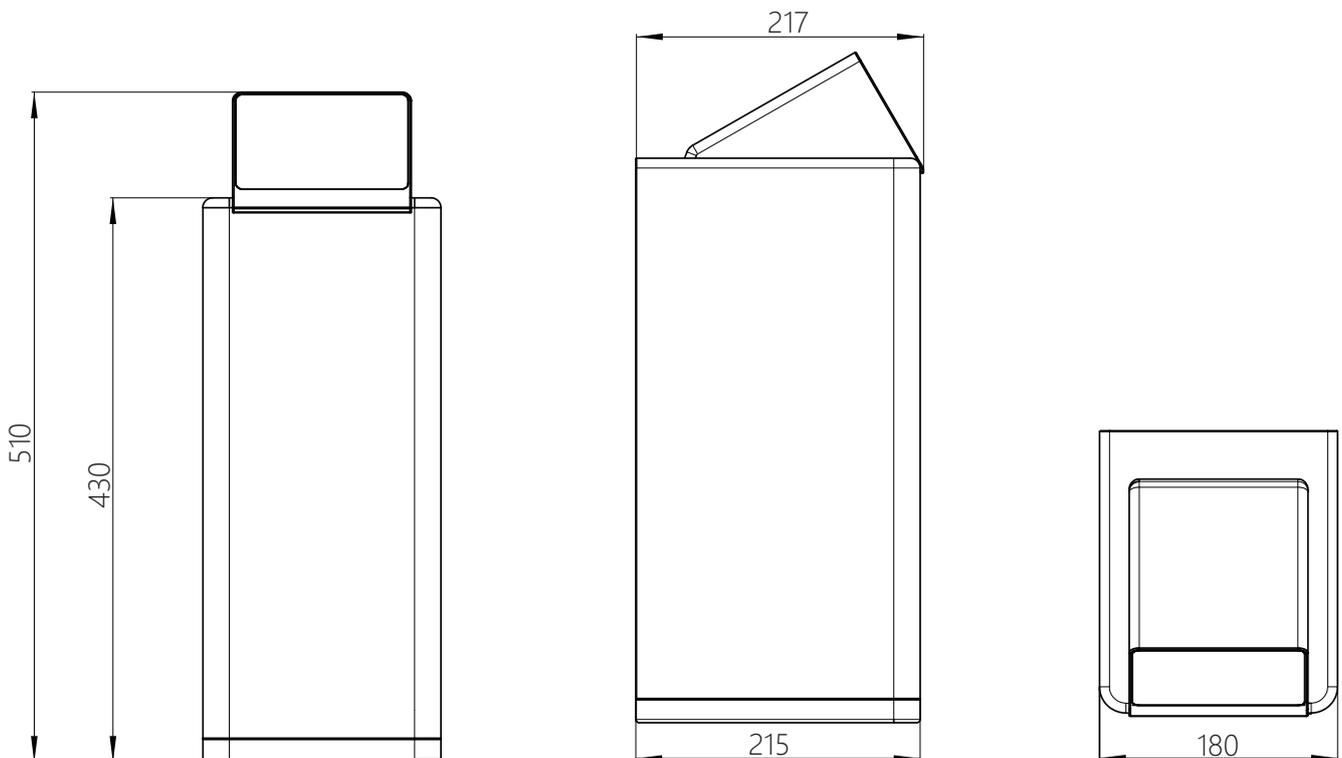
Feed water*	
Resistivity at 25°C	18.2MΩ.cm
Total Organic Carbon (TOC)	≤5ppb(μg/L)
Performance	
Resistivity at 25°C	18.2MΩ.cm
Total Organic Carbon (TOC)	≤2ppb(μg/L)
Ion content**	<0.1ppt
Flow rate	Up to 2L/min, stepless control
Quantitative water dispense range	0.01L-60L
Size information	
Dimensions (W×D×H)	180×217×510mm
Net weight	6.9kg
Length of outlet pipe	Standard 2m, customized length for optional
Outlet pipe support dimensions (W×D×H)	80×201.5×400mm
Packing information	
Package dimensions (W×D×H)	220×451×563mm
Gross weight	8.5kg

*Ultra pure water/Type I water by Nova series

**Verified by end user, analytical technique of trace elements

Installation information

(In mm)



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