


ALC-Scientific

 LAB-GRADE ENGINEERING. OEM-SCALE RELIABILITY.
 SCIENTIFIC INSTRUMENTS • OEM MANUFACTURING • LAB SOLUTIONS

PRODUCT BROCHURE

LABORATORY UTILITIES / WATER

LABORATORY WATER PURIFICATION SYSTEM

ALC-WP Series

Pure water for critical laboratory applications.

The ALC Laboratory Water Purification System is designed to supply high-purity laboratory water for microbiology, analytical, research and general laboratory workflows, with modular configuration according to required water grade and throughput.


WATER TYPE

Type I / II / III


FLOW RATE

Up to 30 L/hour


APPLICATION

General / Analytical


MODEL

ALC-WP Series


CATALOGUE NUMBER

To be confirmed



LABORATORY UTILITIES / WATER

High-purity water generation for analytical, microbiology and research workflows.

ALC-WP Series

The ALC-Scientific Laboratory Water Purification System delivers purified laboratory water for critical bench operations. Modular purification stages, intuitive touchscreen control and compact benchtop design make it suitable for microbiology, analytical chemistry, research and general laboratory use.

**WATER TYPE**

Type I / II / III

**FLOW RATE**

Up to 30 L/hour

**APPLICATION**

General / Analytical

Key Features



Modular purification architecture



Touchscreen control



Compact benchtop footprint



Stable dispensing performance



Cartridge-based purification stages



Suitable for multiple lab water grades

Working Principle

Feed water passes through staged purification modules such as pre-treatment, activated carbon, reverse osmosis, ion exchange and final polishing according to selected configuration. The system continuously produces laboratory-grade water while monitoring purity and output.

TYPICAL APPLICATIONS

- Reagent preparation
- Analytical chemistry
- Microbiology support
- Buffer/media preparation
- General laboratory workflows



REFERENCE TECHNICAL DATA

Model-specific values require approved OEM confirmation.

PARAMETER	REFERENCE SPECIFICATION
Product type	Laboratory Water Purification System
Water grades	Type I / II / III, model dependent
Flow rate	Up to 30 L/hour
Resistivity	Up to 18.2 MΩ-cm, model dependent
Feed water	Potable / pre-treated water
Control interface	Integrated touchscreen display
Dispensing	Bench dispensing outlet
Power supply	220–240 V AC, 50 Hz
Construction	Powder-coated housing with integrated purification modules
Applications	General lab / analytical / microbiology



STANDARD SUPPLY

- Main unit
- Purification cartridges/modules as configured
- Power cord
- User manual
- Basic accessory kit



OPTIONAL / MODEL-DEPENDENT

- UV module
- TOC reduction module
- Storage tank options
- Recirculation loop
- Remote dispenser
- Additional purification stages



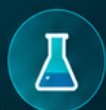
TO BE CONFIRMED

- Final model and water grade
- Installation requirement
- Feed-water condition
- Required accessories
- Qualification / documentation needs
- Delivery timeline / commercial terms



LABORATORY APPLICATIONS

Reliable purified water for daily laboratory workflows.



Applications



Reagent preparation



Instrument feed water



Microbiology workflows



Buffer/media preparation



Analytical chemistry



Academic research



Product Advantages



Multiple water-grade options



Compact benchtop design



Clean dispensing interface



Touchscreen operation



Modular configuration



OEM / private-label suitability

INDUSTRIES SERVED

Research laboratories / Academic institutions / Pharmaceutical / Diagnostic / General analytical laboratories



SCAN PRODUCT PAGE

[alcsscientific.com/brochure/
laboratory-water-purification-system](https://alcsscientific.com/brochure/laboratory-water-purification-system)

Request a model-specific quotation.

Share your required water grade, output requirement, application, installation city and documentation needs. Final performance values and specifications are validated with the approved technical datasheet and commercial quotation.

ALC-SCIENTIFIC LABORATORY SYSTEMS

OEM / PRIVATE LABEL AVAILABLE



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