

Adrona is European manufacturer of water purification systems. Based in Latvia provides laboratory water solutions to any laboratory applications for pharma, life science and food industry.

The quality of water meets the requirements of ISO 3696 standard and corresponding ASTM and CLSI standards. Adrona management system and manufacturing site operates in accordance with ISO 9001:2015

Animalab service team install and maintenance water purification systems providing all spare parts and replacement filters.

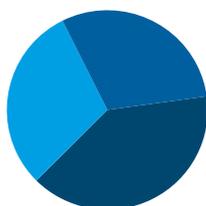


Calculate maintenance and service costs with Animalab!

Adrona water purification systems save money!

ADRONA SYSTEMS

30% money saving

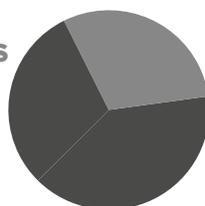


30% basic system cost

40% exchange filter cost

OTHER SUPPLIERS

0% money saving



30% basic system cost

70% exchange filter cost

We compared general costs of purchase and maintenance Adrona systems with other suppliers. Only Adrona has the cheapest service and saves money in the long term.

Be sure that the amount of produced water will meet all needs in the laboratory

- We assess the need for water in laboratory and configure systems fitted to your applications.

Plan your budget for the long term, minimum 1 year, including spare part costs

- The calculation includes not only first basic system, but also replacement filters costs presented in period. Consumption cost of spare parts and filters depends on usage frequency.

Avoid unpleasant surprises with filter replacement costs

- Adrona is cost effective solution: basic system is in comparable price to other suppliers but spare parts and filters won't surprise you with high costs in the future. The initial set of consumables is delivered with each Adrona water system.



Let discover wide range of water systems for all laboratory applications



Adrona systems produce water for all laboratory applications. Starting from primary grade water (grade 3) dedicated for simple washer and autoclave feed to purified water (grade 2) essential in general laboratory use and ultrapure water (grade 1) for highly specific applications.

General laboratory applications	Inorganic analysis methods	Organic analysis methods	Molecular biology
<ul style="list-style-type: none"> • Glassware rinsing • Laboratory washers • Autoclaves • Electrochemistry • Wet chemistry • Spectrophotometry • Buffer and media preparation • Reagent preparation 	<ul style="list-style-type: none"> • Flame atomic absorption spectrophotometry • Graphite automizer atomic absorption spectrophotometry • Plasma mass-spectrometry (ICP-MS) • Plasma spectrophotometry (ICP-OES) • Ion chromatography 	<ul style="list-style-type: none"> • Liquid chromatography (HPLC/IHPLC) • HPLC-MS • Total organic carbon measurements 	<ul style="list-style-type: none"> • Flow cytometry • Cell and tissue culture • Molecular biology



Adrona systems meet International Water Quality Standards and ensure effective particle removal.

- **Inorganic ions** – Successfully removed by reverse osmosis and deionizing resins.
- **Organic molecules** – Large molecules are partially removed by activated carbon and reverse osmosis. Fully removed is provided by photooxidation and polishing. Organic molecules may also grow on resins and inner surfaces of the tubes. They can be eliminated by UV lamp and filtered by 0.22 µm filter right at the dispensing port.
- **Rnase/endotoxins** – Critical for molecular biology applications. Removed by point-of-use ultrafilter that needs periodic replacement.

What does guarantee high quality of Adrona water?

- Embedded recirculation loop ensures stable premium water quality and enables practical elimination of Total Organic Carbon (TOC).
- Performance of deionization and polishing modules is constantly monitored.
- Monitoring algorithm enables cutting running costs, as replacement of the modules is requested only when service life is close to the end.
- Water quality stability is achieved with the double Ion Exchange cartridge system, which ensures excellent water quality even if one of the cartridges needs to be replaced.
- Water quality can be validated by an external conductometer, provided by Animalab

