

The one step solution to clean water

Water is our pure asset – we are working to provide healthy drinking water with adsorbent and containerized technologies

The role of healthy, clean water is becoming more and more important today. Worldwide about 750 million people live without safe water and 2.5 billion have no sanitation.

We believe that with our professional experience and committed attitude these alarming numbers can be reduced. Having longterm practice in arsenic removal and in the development and production of simple complex water treatment systems we provide real answers for water challenges of today.



REGENERABLE ADSORBENT MATERIALS

With the production and distribution of regenerable adsorbent materials we remove arsenic, fluorine, boron, iodine, iron, manganese, ammonia and sodium from the water. As a bulk filter media this is an excellent solution for water utilities and water technology companies and also for some industrial water management providers.

Our continuously manufactured products:

- AsMet – Arsenic III and Arsenic V adsorbent
- FluMet – Fluoride adsorbent
- BoMet – Boron binding adsorbent
- IoMet – Iodine De-adsorbent
- ZMet – Iron, Manganese, Ammonia, Sodium binding adsorbent

Fields of application:

- for water utility companies and for water industry companies
- for communal and industrial wastewater treatment companies
- to treat process water of power plants, mining and other factories

Benefits of the product:

- cerium based adsorber resin – flexible use for all user from domestic to waterworks and all water industry players
- can be attached to existing waterworks, or installed newly with suspended solid pre-filter
- lifetime 7–10 years
- regenerable, allowing for smaller filter and lower running cost and leaving smaller environmental footprint
- taste, smell, and mineral content of the water stays the same
- ensure the supply of stable water quality with cost saving long term operation



PURAWELL – ARSENIC-FREE POTABLE WATER FROM THE TAP

Fields of application:

- at available infrastructure systems (existing water supply network) having optimal consumption
- for end point user on a well-maintained water network
- where only problem is arsenic pollutant
- for human consumption in public institution and for agriculture purposes (irrigation)

The adsorbent filled tower operates with flow through and handling free technology to remove arsenic. The filter inside contains no hazardous waste.

With a 33-litre tower (25 litre of AsMet adsorbent) can produce 6,000–7,000 litre arsenic-free water/day, serving 2,000–3,000 people on a daily basis.

PURAIID – THE FULL-SCALE, MODULAR, COST-EFFECTIVE WATER

PurAID is a containerized, mobile, and modular drinking water purifying system for rural areas to treat the existing but contaminated water in an easy and cost-effective way. With PurAID, no conventional water treatment plant is needed to be installed. PurAID is a sustainable tailor-made water supply system for rural, isolated, or less accessible areas. By linking more units and connect them into one monitoring center, we are able to cover wide area with clean water supply. PurAID system provides a complete solution to remove iron, manganese, ammonia, arsenic and infections from drinking water in five steps. Depending on the contamination of the water, PurAID is possible to provide more tailor-made assistance.

Fields of application:

- tailor-made water supplying system
- modular solution to serve more people
- removing broad range of contamination

- easy to install and operate
- small footprint
- wide capacity range: from households to small waterworks

