

Drinking water treatment with automatic disinfection



**Drinking water production with WHO
quality directly from lakes and rivers**

Safe and secure supply with clean drinking water

More than 3 billion people have no access to safe and clean drinking water. The insufficient supply with drinking water is one of the most important causes for illness and child mortality in the so called third world. But there are also serious problems with the drinking water supply in developed countries. Here, most of the residents receive their drinking water from water suppliers or from their own well. But this drinking water often still contains harmful viruses and bacteria.



These germs can cause severe diseases, and especially children and old people are threatened.

With the mobile IOTRONIC water treatment plant, up to 20.000 people can be supplied with 1 liter drinking water daily. A special developed filter cascade removes particles and germs from the untreated water. The treatment plant provides a drinking water which complies to the WHO water guidelines. It can be used for the drinking water supply in emergency situations (e.g. flood catastrophes, earthquakes etc.) as well as for the permanent drinking water supply of outlying villages or houses. The plant includes a generator and is independent of external power supply.

Your advantages

- Daily production of 20.000 liters drinking water
- Drinking water quality according to WHO guidelines.
- Protection against microbial re-contamination of the drinking water by dosing of stabilized oxygen (chlorine dioxide).
- Fully-automated operation with integrated disinfection.
- Easy handling and long maintenance intervals.
- No further chemicals for filter cleaning required.