

SuMeWa|ADVANCED

Description

SuMeWa|ADVANCED is a system for drinking water pumping and treatment.

The system responds automatically to changing raw water conditions and disinfects the water without the addition of chemicals. The quality of the treated water is continuously monitored and adapted when necessary. Due to the residual disinfectant, produced by means of anodic oxidation, the water is protected from recontamination and therefore complies with given legislative frameworks.

With SuMeWa|ADVANCED water can safely be distributed to the public via decentralized water supply infrastructures.

Extendable with

- SuMeWa|Filter
- SuMeWa|Data or DataCom
- SuMeWa|Valve
- SuMeWa|Mineral
- SuMeWa|Battery

Technical Data

Maximum flow rate	400 L/h (9.6 m ³ /d)
Chlorine concentration	0.3 – 3 mg/L
Required power supply	120 W (AC 100 – 240 V; DC 24 – 48 V)
Maximum pumping head	70 m

All values depend on source water quality and given regulation

About AUTARCON

We stand for safe drinking water. As specialists in decentralized drinking water supply our expertise ranges from basic drinking water disinfection to complete solar driven drinking water treatment. The foundation for that is the specially developed SuMeWa|SYSTEM. With the four expansion stages **BASIC**, **SAFE**, **ADVANCED** and **COMPLETE** we offer a product portfolio that allows individual response to the demands of our customers.

The advantages at a glance

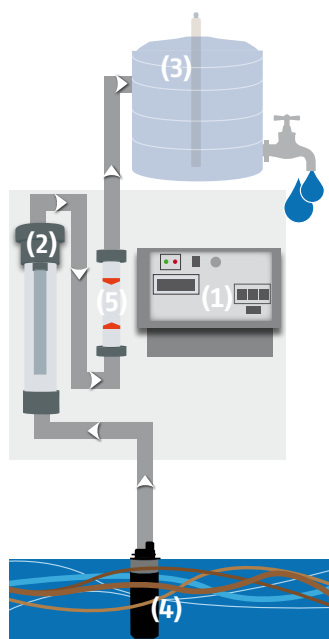
- Water pumping from depths up to 70 m
- Flow rate up to 400 L/h
- Adjusts continuously to a broader range of raw water quality parameters
- Safe disinfection of drinking water
- Compliance with residual disinfection regulation
- Monitoring and adjustment of water quality in storage tank
- Dry-running protection and flow rate control
- Very low need for maintenance

Scope of supply

- SuMeWa|SYSTEM control unit (1)
- Electrolytic cell (2)
- Water quality sensor (3)
- Pumping station (4)
- Flow rate sensor (5)

Upgradable to

- SuMeWa|SAFE
- SuMeWa|COMPLETE



distributed by

AUTARCON GmbH

Franz-Ulrich-Str. 18 f
34117 Kassel
Germany

Fon +49 (0)561 – 506 186 890
Fax +49 (0)561 – 506 186 899
www.autarcon.com
info@autarcon.com

Germany
Land of Ideas

Selected Landmark 2011



Anodic oxidation

Based on an electrolytic process, the required disinfectant chlorine is produced from minerals that are commonly present in the source water. AUTARCON has optimized this process for its utilization in drinking water treatment and supply. It works highly efficient to allow very low mineral concentrations in the source water. At any given time only the minimum required amount of disinfectant is produced.