



SAS-W5000 – Mobile Water Purification

Water filtration for rapid deployment



The SAS-W5000 is a drinking water treatment system for humanitarian disasters. The device is the result of a comprehensive joint development and test phase with humanitarian organizations and was presented for the first time at the Interschutz 2022 international trade fair in Hanover. The SAS-W5000 works with multi-stage filtration. A modular system enables the user to apply various filtration and disinfection processes such as sediment filtration, microfiltration, ultrafiltration, activated carbon, UV disinfection and a chlorination module. The reliability and durability of the product is underlined by the fact that no electronics are installed.

Filtration capacity	5.000 – 8000 l/h
Weight	Ca. 110 kg
Dimensions [L x W x H]	120 cm x 100 x 76 cm – [EPAL2, LD3]
Power source	Water Line or external Electric Pump 230 V / 50 Hz
Water source	Non-saline water sources
Filtration technology	Micro-/ Ultrafiltration
Filtration depth	Basic sequence: 10 µm, 1 µm, 0,1 µm – possible up to 0,04 µm

One configuration for the SAS-W5000 is equipping the machine for rapid deployment. A 5 m long suction line is included in the system for this purpose. The structure of the filter cascade contains five filter cassettes connected in parallel with a 1 µm wound filter, an activated carbon cartridge and a 0.2 µm pleated filter for heavy and very fine sediments, as well as odors and flavors.

(Order-Code: SAS-W5000-MS-0S5P0-00S)

