

## WATEX MWTP Tactix mobile water purification system



A convenient, portable bag with a built-in water purification system will provide you with clean water for drinking, washing and cooking during hikes, trips and emergency situations when there is no clean water nearby.

The productivity of the system is **60 liters per hour**.

The periodicity of replacing the elements depends on the water consumption and the quality of the incoming water.

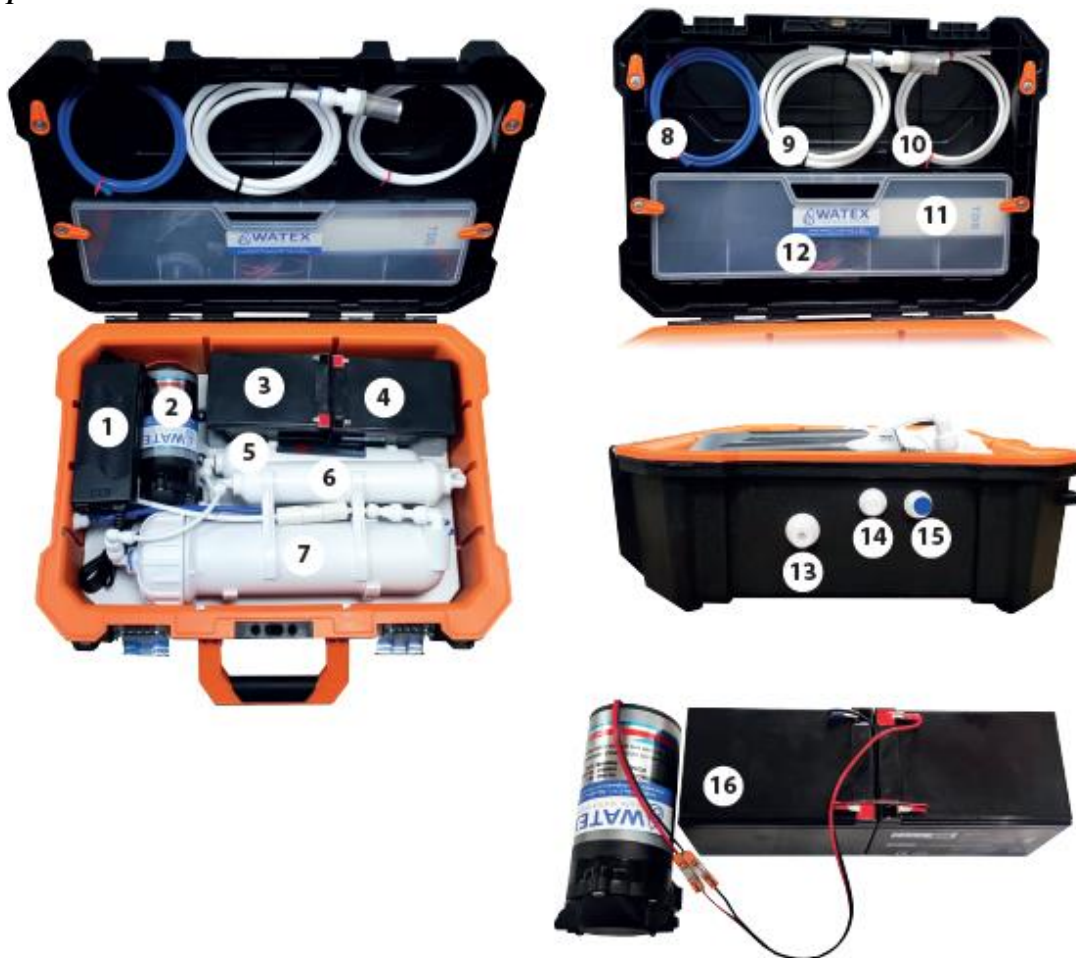
The quality of all equipment components and their testing methods fully meets NSF (National Science Foundation) requirements to ensure high performance in the long term.

### Stages of water treatment:

1. **Mechanical sieve filter:** removes large mechanical pollutants;
2. **Polypropylene filter (5 μm):** removes microscopic suspended particles;
3. **Filter with coconut activated carbon:** removes chemical pollutants and prepares water before the reverse osmosis membrane;
4. **Reverse osmosis membrane:** removes organochlorine compounds, heavy metals, nitrites, nitrates, ammonium, pesticides, etc. The reverse osmosis membrane removes up to 99% of contaminants, including microorganisms.

Equipment technical parameters	Unit	WATEX MWTP Tactix mobile water purification system
Weight	kg	10
Length	m	0.53
Width	m	0.18
Hight	m	0.4
Flow rate $Q_{min}$	l/g	20
Flow rate $Q_{max}$	l/g	60 (if there is power source - 220 V)
Electric connection	V	220 V power supply/ 12 V battery
Connection to sewerage	----	Not needed
Filtration system	----	4-stage filtering (mechanical filter, PP filter (5 μm), activated carbon filter, RO membrane))
Filtration quality	----	90-95%
Papildus aprīkojums	----	TDS-tester

*Components*



- 1 - POWER CONVERTER (220V - 24V)
- 2 - WATER PUMP
- 3 - BATTERY (12 V)
- 4 - BATTERY (12 V)
- 5 - SEDIMENT CARTRIDGE (5 MICRONS)
- 6 - ACTIVATED CARBON CARTRIDGE
- 7 - REVERSE OSMOSIS CARTRIDGE
- 8 - CLEAN WATER TUBE
- 9 - DIRTY WATER TUBE
- 10 - DRAIN WATER TUBE
- 11 - TDS TESTER
- 12 - BATTERY CONNECTING CABLES
- 13 - INLET FOR DIRTY WATER
- 14 - OUTLET FOR DRAIN WATER
- 15 - OUTLET FOR CLEAN WATER
- 16 - EXAMPLE FOR BATTERY CONNECTION TO PUMP