



*Non contractual photo*

**SERVICE : 20 V SINGLE PHASE, 50 HZ**

**DIMENSIONS : 1500 X 8000 X 2000 MM**

## REFERENCE : MP35

This unit completes the sand filtration pilot (MP31) to make drinking water safe. It allows filtration using an activated carbon filter to remove residual microorganisms and colloids from the water coming out of the sand filter and disinfection by chlorine.

- Study of the physical and chemical filtration.
- Parameters influencing the filtration such as: dimensions of the filtering surfaces, speed of filtration.
- Influence of feed rate on filtration.
- Measurement of disinfection by chlorine

### Technical specifications :

- A column in Altuglass
- A manometer
- A centrifugal feed pump
- A reception tank
- A chlorine or oxidant tank
- A dosing pump of chlorine or oxidant
- Two flowmeters
- a low level of safety for the pumps
- The assembly is mounted on stainless steel chassis, the pipes are PVC.
- Control cabinet includes safety relays and protection for two or three pumps (depending on options) and chlorine and pH transmitter (optional)
- Stainless steel chassis mounted on wheels.
- A feed tank comprising: a circulator; Low level of safety for pumps
- Chlorine measuring and adjusting device and pH measuring device comprising: a continuous chlorine measuring probe; Continuous pH measurement probe; A transmitter / controller with chlorine and pH display
- UV treatment module
- Two specific activated carbons are provided.