



Physical and chemical treatment

Référence : TPC/3000



Treatment by coagulant, flocculent and settling

Firs step of the drinkable water process LPE/2000

GENERAL SPECIFICATIONS

- Storage tank, 360 L, on mobile frame.
- Feeding centrifugal pump, stainless steel with level control, Bypass valve for homogenization.
- 3 Storage tanks, 20 L, 3 membrane dosing pumps with variable flowrate.
- 2 stirrings motor.
- Coagulation tank, transparent PVC, 5 L, Rushton turbine stirring, draining valve and removable lid.
- Flocculation tank, transparent, PVC, 40 L, helix stirring, draining valve and removable lid.
- Lamellar settler, in transparent PVC, 100 L, draining valve, seven PVC plates with variable slope.
- Centrifugal pump.

Instrumentation

- 5 flowmeter.
- Electronic calibrated pH indicator (portable technology).

Dim (framework) : 170 x 70 x 180 cm – 100 kg
SS tubular framework 40 x 40mm

Categories: Educational Engineering Environment Physico chemical treatment Water treatment

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DESCRIPTION

Adjust operating parameters

Flow rate, stirring speed

Coagulant and flocculent concentration

Residence time

Monitor water quality during treatment and at the decanter outlet

Jar test feasibility study

Determine operating conditions depending on type of pollution



Unités livrées avec un manuel pédagogique et dossier technique



Possibilité d'adapter les unités à vos besoins



Mise en service, formation des formateurs