



# Ion exchange resins

Référence : EAC/1000



## Study ion transfers in a polymer resin water demineralization process

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### GENERAL SPECIFICATIONS

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- Raw water storage tank, 100L clear PVC, with draining valve.
- Polypropylene centrifugal pump.
- Two columns diameter 20 mm and 50 mm, PVC, cationic resin with polymer matrix.
- Two columns diameter 20 mm and 50 mm, PVC, anionic resin with polymer matrix.
- Treated water storage tank, 100 L in clear PVC with draining valve.
- Acid solution storage tank, 10 L in clear PVC, with draining valve.
- Basic solution storage tank, 10 L in clear PVC, with draining valve.

### Instrumentation

- Flowmeter.
- 2 conductivity probes.

**Dim** : 130 x 85 x 190 cm – 100 kg  
SS tubular framework 40 x 40mm

**Categories:** Educational Engineering Environment Ion exchanges

**Reference:** EAC/1000

## DESCRIPTION

### Study the process varying parameters

Production flow rate

Resin type

Quality of untreated water

### Qualitative and quantitative study of the demineralization process

Demonstrate resin saturation

Monitor the conductivity of the water during treatment

Study resin regeneration



Unités livrées avec un manuel pédagogique  
et dossier technique



Possibilité d'adapter les unités à vos  
besoins



Mise en service, formation des  
formateurs