

GPC M20

Shaking out pilot

DESCRIPTION

- The mixing is an usual unitary operation in Industry. It permits to make thermal and material transfers as well as reaction.
- This unit makes it possible to have an industrial and teaching approach..
- Material stainless, ADF (explosion-prof) and equipped with a system of safety.
- Possible instrumentation (pH, temperature, viscosity, measurement of couple on the engine). Setting on casters.
- The equipment is delivered complete with instruction manual and technical documentation, it is intended for various training levels..



APPLICATIONS PEDAGOGIQUES

- Homogenisation of a system of several composants.
- Heat balance and mass.
- Influence stirring velocity.
- Study of various models of blades of agitation.
- Study of the viscosity of the mixture.
- Calculation of the mode of flow.

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TECHNICAL CHARACTERISTICS

Tank

- Volume : 20 liters
- 316 L stainless steel
- Bottom outlet DN 20 - Inox 316 L

Bracket

- Tubular frame with guide rail and sliding carriage.
- Carriage equipped with the attachment unit of the agitator.
- To pose on ground, to fix at the wall or possibility of putting on casters.

Tap

- 316 L stainless steel
- fixed on the bracket thus allowing a use for several tanks.
- Fixing with fast but sedentary fastener.
- Vent

Mobile of agitation

- All the provided mobiles are out of stainless steel 316 L.
- Origin equipped with a dispersion blade.

Agitation

- Power = 0,37 kW
- Variator and speedometer ($180-1000 \text{ min}^{-1}$)
- Adjustable position (for the height)
- ADF motor with safety on the tank avoiding a bad positioning of the tank.

Sensor

- Temperature of the tank: stainless steel and with display

UTILITIES

Electricity : 380 V – 50 Hz

DIMENSIONS

Length : 1500 mm

Width : 700 mm

Height : 1500 mm

Poids : 100 kg