

Oven controlled tank

DESCRIPTION

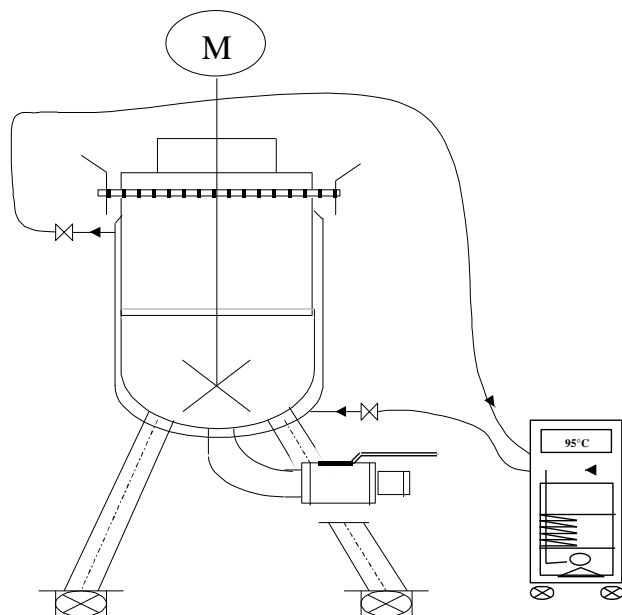
- Capacity: 100 L with a double-shell of 316 L stainless steel.
- Equipped with an agitation module for homogenizing the product (thus increasing heat and molecular exchange).
- The unit is equipped with a stainless steel cap and a safety system and is designed to operate at atmospheric pressure.
- The removable lid and the casters on the frame make this unit easy to use.
- It can be connected to the supply pump of the press filter thanks to SMS connectors.
- The unit is delivered complete with technical documentation.



SUGGESTED APPLICATIONS

- Can be used to complement other processes
- Illustrating an industrial application of enzymes
- Studying the effect of changing the pressure and/or temperature in the tank

TECHNICAL CHARACTERISTICS



Switch box

- All the needed components for safe operation
- Emergency stop, 30mA breaker...

Stainless steel tubular frame, mounted on little wheels.

IN CONFORMITY WITH CURRENT NORMS

UTILITIES

Electricity : 380 V – 50 Hz
Power : 7 kW

1. Tank

- Volume 100 L with a double shell and 2 conic connectors and 2 ¼ -turn valves
- 316 L stainless steel
- Equipped with ¼ turn fixed wheel gate with a spherical plug (316 L stainless steel), SMS connector for a direct connection to the Press filter pump through the use of a 316L stainless steel hose or a 316 L stainless steel piece of line
- 316 L stainless steel cap, with pivot and groove for alimentary seal. Easy opening with clapper: contact security on the cap in case of lifting

2. Agitator

- Efficiency: 0.55 kW
- Electronic speed control with manual handle
- Agitation speed: 0-600 min⁻¹
- First lift is foreseen through a pulley block (provided)
- The blade and the agitation spindle are of 316 L stainless steel (food quality)

3. Thermoregulating group

- Pressurized water
- Efficiency: 6 kW
- With a pump and 2 316L stainless steel hoses
- With PID regulator, and external outlet for Pt 100 in order to regulate the temperature in the tank

Instruments

Pt 100-probe fixed in the cap, length: 500 mm
Safety contact sensor on the cap for cutting the agitation

DIMENSIONS

Height : 1100 mm
Width : 600 mm
Length : 600 mm
Weight : 90 kg