

GPA MA0

Mixer for emulsion

DESCRIPTION

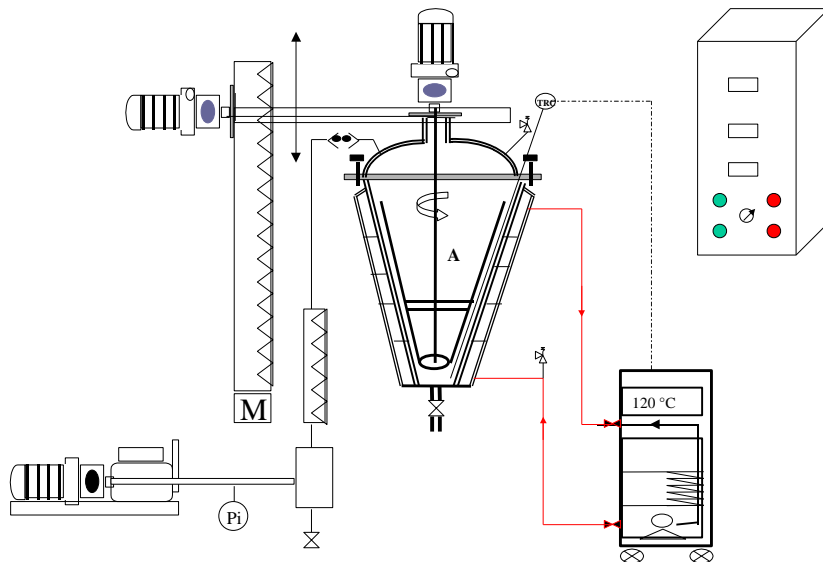
- v Fundamental operation in the beauty care and into agroalimentary which make it possible to produce emulsions: creams, pomades (cosmetic, pharmacology) but also of the emulsions like the food creams.
- v The unit is assembled on a stainless steel frame with four casters.
- v The operation is done in batch
- v It is equipped with a system of heating and degasification
- v Unit GPA MA0 is delivered complete with instruction manual of maintenance and teaching handbook.



TEACHING APPLICATIONS

- Study of the manufacture of an emulsion
- Study of the reactional medium: physical and chemical parameters
- Thermodynamic study
- Assessments matter
- Industrial utility

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KEY ELEMENTS OF THE INSTALLATION

ELECTRICAL EQUIPMENT BOX

- With the elements necessary to the correct operation and the safety of the equipment
- Stop blow of fist, differential 30 my...

Tubular chassis modular stainless

UTILITIES

- Electricity: 380 Volts three-phase current – 50/60 Hz
- Water of the network
- Evacuation

DIMENSIONS

- Length: 1.400 mm
- Width: 800 mm
- Height: 2.000 mm
- Weight: 150 kg

Ferment of 7 L

- Out of stainless steel 316 L, pickled, interior polishing and external grain 220
- Double envelope and triple wrap with tight welded heat insulator
- All will be put at food standards SMS
- Heating by thermoregulator group
- Valve of safety calibrated at 1 bar
- Conical tank with a minimum volume of 2 liters

Double Agitator

- 2 engines of electric agitation 0,75 kw : for agitation with the anchor and the other for the emulsifier.
- Tree and agitators are in pale stainless 316 L

Group thermoregulator in option

- Power: 6 kw entirely autonomous (on casters) with regulator PID and possibility of controlling the temperature of the product in the tank

Instrumentation

Probes Pt 100 with 2 digital indicators

T1: temperature in the engine controlled with the regulator of the thermoregulator

T2: temperature of the vapor at the head of column

Pi: Dial pressure gauge – 1/0 bar

A float flowmeter for the water flow in the condenser

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