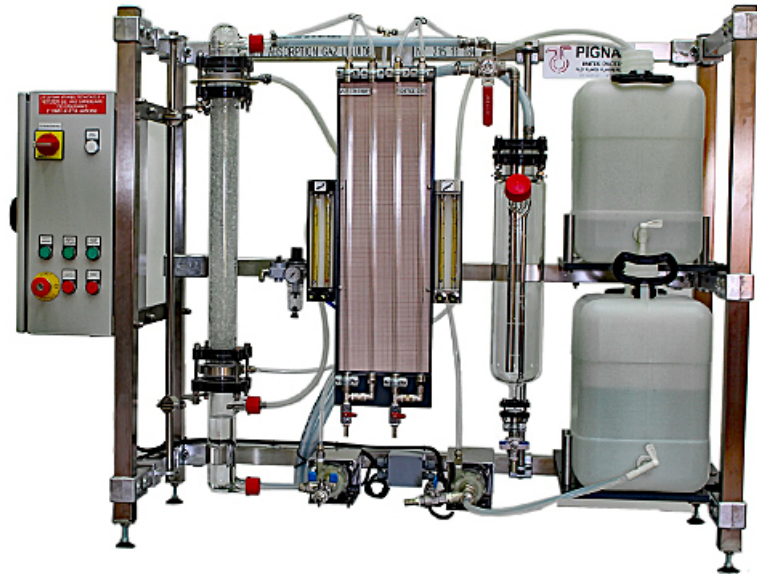




Gas liquid absorption

Référence : ABS/100



Mass transfer between gas-phase and liquid-phase

Unit to put on table

GENERAL SPECIFICATIONS

- Liquid-phase feeding pump, magnetic drive, sampling valve.
- Glass column, in three parts:
 - Column head, with SS plate equipped with a liquid flow diffuser.
 - Packed section, , glass Raschig rings 6×6, SS packing support.
 - Column bottom, SS plate.
- Enriched liquid-phase magnetic pump.
- Receiver, polyethylene, draining valve.
- Graduated glass funnel, 2.5 L.

Instrumentation

- 2 pipe U manometers.
- 2 water flowmeters.
- CO₂ flowmeter.
- Air flowmeter.

Dim : 155 x 52 x 110 cm – 60 kg
SS tubular framework 40 x 40mm

Categories: Absorption Chemical processing Educational Engineering Mini pilots

Reference: ABS/100

DESCRIPTION

Study the hydrodynamics of a packed column

Determine over flooding conditions

Determine packing factor

Study the absorption of CO₂

Materials balance on the gaseous solute

Determination the efficiency of the column by defining the HTU and NTU

Demonstrate the exothermic effect due to absorption



Unités livrées avec un manuel pédagogique
et dossier technique



Possibilité d'adapter les unités à vos
besoins



Mise en service, formation des
formateurs