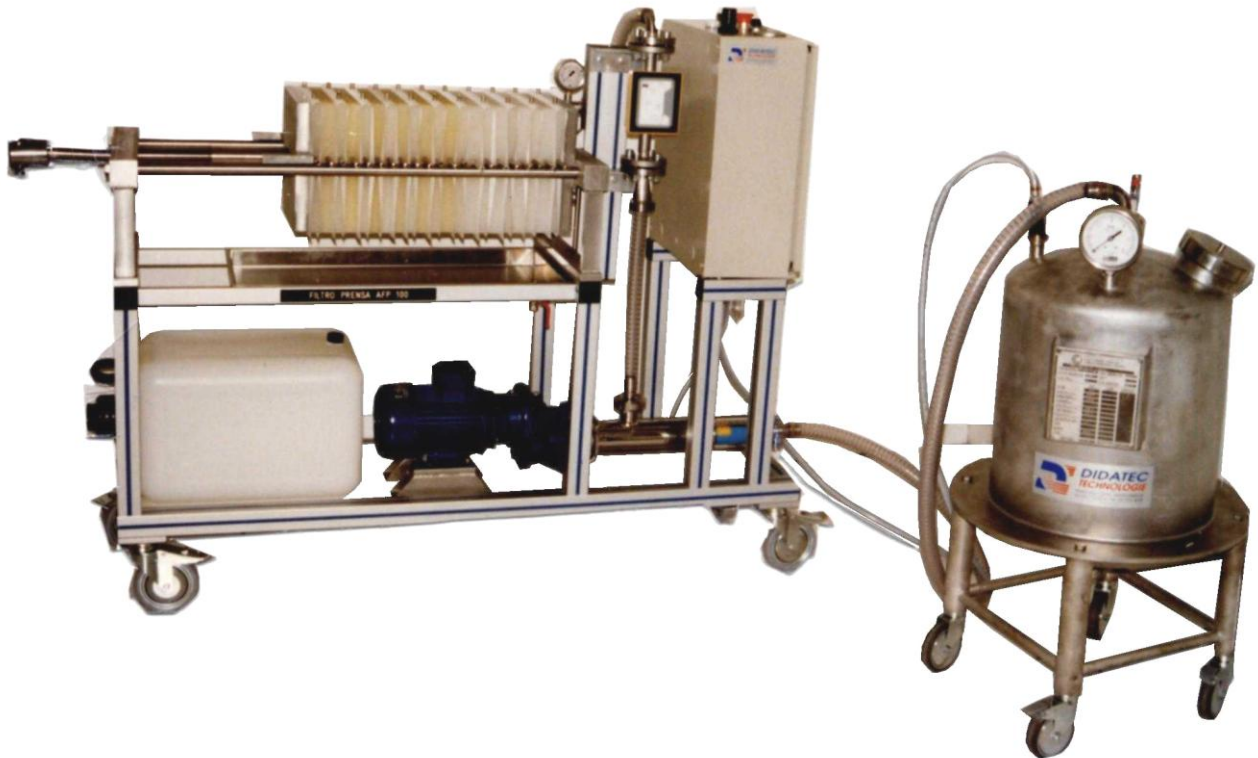


GPC F10

Press filter – constant flow rate and pressure



DESCRIPTION

- The filter press is delivered complete with instrumentation, including a technical and instruction manual.
- Designed and manufactured to industrial standards.
- This unit has been designed for different levels and fields of study.

SUGGESTED APPLICATIONS

Filtration and purification.

Operates under constant pressure and variable flow by pressurising the water tank without using the pump.

Operates at constant flow and variable pressure by using the pump.

GPC F10

Filter press

Support chassis, capstan, screw, tank are made of stainless steel

Plate and frame made of polypropylene 250 mm x 250 mm

Polypropylene filters

Filtration surface 0.5 to 1.5 m²

Pressure : 3 bars (45 psi)

Pump

One piece pump with screw press

Body, rotor and shaft made of stainless steel 316

Stator perbunan

Mechanical waterproof box

Flow-rate from 40 to 400 L/h

Water tank

Stainless steel 316, capacity 50 L mounted on wheels

Filling and cleaning gate

Immersed supply filter

Manometer 0 to 6 bars (85 psi)

Safety valve 3 bars (45 psi)

Drainage valve

Feeding filter line

Stainless steel flow meter with magnetic connection

Graduated scale 40 to 400 L/h

Manometer 0 - 4 bars (60 psi)

Control board

Electric voltage and safety demonstration

Manual escape valve for the pressurized water tank (0-6 bars – 90 psi)

Start/Stop pump switch

Pump speed electronically controlled

Connections

Feeding type, S.M.S connections

UTILITIES

Electricity : 230 single-phase - 50 Hz - 1100 W

Compressed air : network 4 to 6 bars (60 – 90 psi)

DIMENSIONS

Length : 2 500 mm

Width : 700 mm

Height : 1 300 mm

Weight : 300 kg