

**Product Name :**  
Filtration Unit with Plate and Frame**Product Code :**  
ELAB-ENG-11-0002 **LAB ENGINEERING****Description :**

Filtration Unit with Plate and Frame

**Technical Specification :**

Filter press is a common used filtration and separation equipment It has been widely used in the chemical production in the early 18th century and now is widely used in chemical industry pharmaceutical industry metallurgy industry dyes industry food factories brewing ceramics and environmental protection industries. Its main structure is: frame filter plates filter cloth hydraulic station PLC electric control system. The filter plates and filter plates frame forms the chamber the sludge (slurry) is pumped into the chamber and with the pressure filter cake will be formed in the chamber and filtrate will flow out through the outlet of the filter plates. The automatic filter press is batch operation which means that the operation stopped to discharge the filter cake before the next batch can be start done filtering cycle usually takes from 20 minutes to 3 hours depending on the different characteristics of filtering material. There are 3 types filter press is recessed filter press plate and frame filter press and vertical filter press. our filter plates have the advantages of stable permeance easy operation accurate size can endure high pressure and high temperature.

 **LAB ENGINEERING****Elab Engineering Equipments Manufacturers**

