



Low Pressure Low Temperature (LPLT) Filter Press



LPLT Filter Presses API U

Introduction

- Model AS-5B Low Pressure Filter Press is the most effective means of determining filtration properties of drilling fluids and cement slurries. All Low Pressure Filter Press assemblies consist of these items:
 - Mud reservoir mounted in a frame
 - Pressure assembly and regulator
 - Filter paper
 - 25 ml graduated cylinder
- Measuring filtration behavior and wall-cake building characteristics of a mud is essential to drilling fluid control and treatment. The characteristics of filtrate, such as oil, water, or emulsion content are also important. The types and quantities of solids in the fluid and their physical and chemical interactions affect these characteristics. Temperature and pressure affect the physical and chemical interactions. Performing tests at both low pressure/low temperature and high pressure/high temperature is necessary, and these testing conditions require different equipment and techniques.
- The basic filter press has a cell assembly constructed of stainless steel or aluminum material and includes the required screens and gaskets.
- Working pressure is 0.69MPa and the filtering area is 45.6cm², as specified in API standard..
- Measuring filtration behavior and wall-cake building characteristics of a mud is essential to drilling fluid control and treatment. The characteristics of the filtrate, such as oil, water or emulsion content, are also fundamentally important. The types and quantities of solids in the fluid and their physical and chemical interactions affect these characteristics. Temperature and pressure in turn affect the physical and chemical interactions.
- It is therefore necessary to run tests at both low-pressure/low-temperature and high pressure/high-temperature. Each of these testing conditions requires different equipment and techniques.
- 100 % Made In India



Material :

- Body : SS 304
- Support : Mild Steel
- SS Pressure gauge regulator

Application :

- Mining & metallurgy,
- petroleum, chemical,
- medicine, textile,
- printing,
- paper making,
- food,
- alcohol,
- inorganic salt,
- coal washing,
- dyeing and sewage treatment industries.

Ordering Information

Description	QTY	Part No.
LPLT Filter Presses API AS5B		
Mud reservoir mounted in a frame	1	5B25-014
Pressure assembly and regulator	1	5B25-015
Filter paper	1	5B25-016
25 ml graduated cylinder	1	5B25-017
Pressure Hose 2 mtr	1	5B25-018