

FILTER PRESS FOR MUD

Standard: API (American Petroleum Institute)

Determine filtration behavior of the Mud and Cement slurries

API Filter Press for Mud (Low Pressure and Low Temperature, LPLT) is the most effective means of determining the filtration properties of drilling muds and cement slurries. Measuring filtration behaviour and wall-cake building characteristic of a mud is essential to drilling fluid control and treatment. The filtration rate is the fluid loss measured in milliliters at ambient temperature and 100 psi (690 kPa) through a special filter paper for 30 minutes. Suitable for field and laboratory use, these units have become the industry standard for low pressure/low temperature filtration testing as specified in the American Petroleum Institute, API recommended practice 13B-1 and 13B-2.

This item consists of a mud reservoir mounted in a frame, a pressure source, a filtering medium, and a graduated cylinder for receiving and measuring filtrate. The basic unit has a cell assembly constructed of rustproof anodized aluminum and chrome plate brass and includes the required screen and gaskets.

Technical Specifications :

Model Number	NL 3028 X / 001
Working Pressure	100 psi (690 kPa)
Work Stress	0.69 MPa
Filtering Area	45.6 cm ²
Max. Drilling Fluid Injection	350 ml / unit Repetitive Error : 1.5 ml
Dimensions (mm)	295 (W) x 180 (D) x 480 (H)
Approx. Weight	5.5 kg

*1 Copy Of Manual Instructions

Set Consist Of:

Model Number	Parts Description	Qty
NL 3028 X / 001 – P 001	Filter Press Frame	1unit
NL 3028 X / 001 – P 002	Mud Reservoir Unit	1no.
NL 3028 X / 001 – P 003	Pressure Regulator c/w hose	1unit
NL 3028 X / 001 – P 004	Filter Paper (100 pcs)	1pack
NL 3028 X / 001 – P 005	Hand Pump	1no.
NL 3028 X / 001 – P 006	'O' ring set	1no.
NL 7000 G / 002	25ml Glass Measuring Cylinder	1pack

*1 Copy of Manual Instruction

