

MKW-FP58 HPHT FILTER PRESS

The MKW-FP58 HPHT Filter Press can be used to measure the filtration rate of drilling fluids and cement slurry under the condition of deep wells (high pressure high temperature – HPHT). This instrument simulates various downhole conditions and provides a reliable method for determining the effectiveness of the material being tested.

This accurate and simple-to-use instrument is competitively priced and is very useful in a wide variety of applications like drilling fluids, drill-in fluids and completions.



Models and Features

Model	Features	Applications
FP58-A	<ul style="list-style-type: none"> • Mud sample cup without through hole • Heating jacket without insulating layer 	Useful for filtration experiments
FP58-B	<ul style="list-style-type: none"> • Mud sample cup with through hole • Heating jacket with insulating layer 	Suitable for cement slurry with high heat efficiency

Technical Specifications

Power supply	220V±5% 50 Hz
Power	400 W
Working temperature	~150 °C (300 F)
Working pressure of mud sample cup	4.2 MPa (600 PSI)
Pressure of back-pressure tester	0.7 MPa (100 PSI)
Effective area of filtration	22.6 cm ²
Limiting pressure of mud sample cup	6 MPa (870 PSI)
Gas source	Nitrogen gas, carbon dioxide
Overall size	530*465*334 mm
Gross weight	36 kg

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