

**Product Name :**  
Reservoir Sand Pack System

**Product Code :**  
LIM-CAT-L0046-00019



**Description :**

Reservoir Sand Pack System

**Technical Specification :**

The sand pack system provides an alternative porous medium to perform studies at reservoir conditions of temperature and pressure. The sand pack is a tube which is filled with calibrated sand having a known grain geometry. Optionally, several pressure taps can be integrated along the tube to monitor the pressure gradient as a function of injection distance.

The versatile apparatus warrants various tests including water flooding, polymer injection, ASP injection, miscible and immiscible gas flooding, microbial flooding and steam injection. Critical parameters such as displacement efficiency and improved oil recovery can be determined from the results.

The system can be upgraded with a number of modules such as the capillary sight glass and foam generator. The Sand Pack System is an essential device for a Petroleum Engineering laboratory as it does not require reservoir rock sample procurement & preparation.

**Features:**

Pore pressure: 700 bar (10,000 psi)

Working temperature: 150°C

Tube diameter: 1"5 (other upon request)

Tube length: 100 cm (other upon request)

Pressure taps: 6 (other upon request)

Position: Horizontal

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Wetted parts: Stainless steel  
Power supply: 220VAC, 50Hz  
Air Pressure requirements: 7 bar (100 psi)



## Laboratory instruments manufacturers India