

FLOW THROUGH CORE CLEANER



With C&CO SERVICES S.A.S FLOW THROUGH CORE CLEANER you could implement a fast and efficient cleaning system for cores and rock samples, based on controlled sequential solvent displacement under established pressures and temperatures. The extraction of hydrocarbons and salts from reservoirs rocks is achieved by injecting one or more solvents into the core sample under pressure and moderate temperature.

The flow of different solvents from the "Up Stream" Module passes through the Hassler Core Holders into the heating oven; the solvents pass through the rock samples axially with a stable pressure and an accurate and continuous volume flow, sweeping the oil present in the pore space of the samples. Multiple core holders can be accommodated inside the oven.

The "Down Stream" Module allows selecting the core holder to be pressurized in order to facilitate the cleaning of the samples; also the equipment has storage containers of solvents to facilitate the collection of the effluent solvent that passes through the core samples. Sight glass cylinders are located before the entrance to the solvent waste tanks to allow checking if the core plugs are clean.



Ingenio que transforma el mundo

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Código N° SC 2932-1

FLOW THROUGH CORE CLEANER



| Technical Specifications | | | |
|--------------------------------------------------------------|-----------------|----------------------------|------------------|
| WIDTH | 100 cm | | |
| HEIGHT | 94 cm | | |
| LENGTH | 300 cm | | |
| WEIGHT | 337 Kg | | |
| POWER SUPPLY | 220VAC - 50 Hz | | |
| Main Components | Quantity | Description | |
| QUICK LOADING CORE HOLDERS (Interchangeable end caps) | 2 | Max. Working pressure | 3000 psi |
| | | Core diameter | 1" & 1 -1/2" |
| | | Core Length | Up to 3" |
| | | Max. Working temperature | 80 °C |
| | | Viton Sleeves | ID 1" & 1 -1/2" |
| HPLC PUMP (Reciprocating piston, pulse free) | 1 | Max. working back pressure | 1000 psi |
| | | Fluid flow rate | 0.01 – 10 ml/min |
| BPR (Back Pressure regulator) | 2 | Spring type | 0-1000 psi |
| SOLVENT TANKS | 2 | Graduated | 1 Liter each |
| HEATING OVEN | 1 | Convection Type | Up to 180 °C |
| WASTE TANK | 2 | Stainless Steel | 1 liter each |
| VALVES AND TUBING SYSTEM | Swagelok | Stainless Steel | OD 1/4" and 1/8" |
| CONFINING PRESSURE SYSTEM | 1 | Hydraulic Hand Pump | Up to 3000 psi |

Note:

The equipment dimensions and appearance might change slightly from the technical specs photo



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