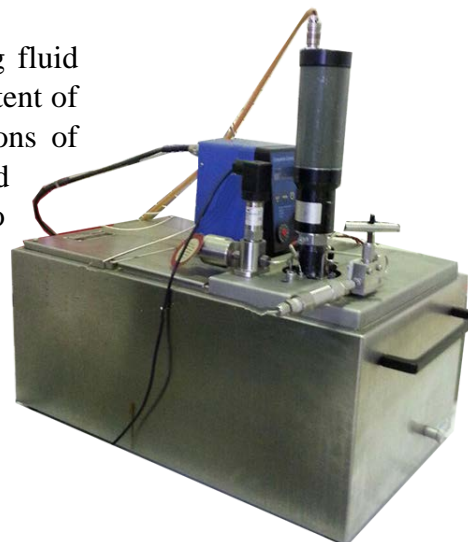


## Dynamic Scale System

The Dynamic Scale System is a lab-scale simulated flowing fluid which is designed to measure asphaltene (and other solid content of petroleum fluids) deposition under realistic flowing conditions of production and transportation. The deposition rate is measured in terms of pressure loss in the pipe. The pipe is designed to investigate the effects of temperature, pressure and flow regime on the deposition behavior of asphaltenes. Moreover, inhibitor performance can be assessed with the apparatus. The wetted parts is made from stainless steel.



Specification	DSS -PR01
Temperature	Up to 120 °C
Pressure	6,000 Psi
Pressure Accuracy	0.05% F.S.
Tube Size	1/8" & 1/16"
Number of Accumulators	2
Wetted material	Stainless Steel 316
Power Supply	220 VAC, 50/60 Hz
Force Convection Oven	✓
High Pressure HPLC Pump is included (X2)	✓

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