

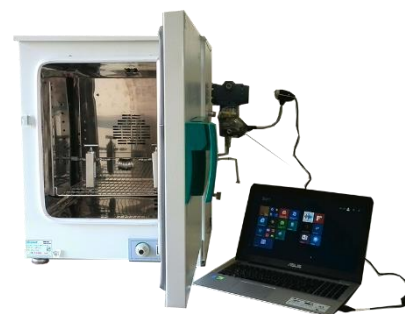
## Capillary Tube Viscometer

Measurement of Reservoir Fluid Viscosity by Poiseuille's Law

The capillary viscometer module is designed to measure viscosity of the reservoir fluids. It includes a receiving accumulator, one capillary column and a pressure system

### Experiment Description

It operates on the principle that any fluid displaced in laminar flow through a capillary tube of known dimensions, exerts a pressure drop across the tube, which is related to the flow rate of the fluid passing through it. The relationship is a function of the fluid viscosity.



Specification	CTV-PR01
Viscosity Range	0.2 cp to 10,000 cp
Pressure	6,000 psi
Pressure Accuracy	0.05% F. S.
Temperature	Ambient to 120 °C
Pressure Accuracy	0.05% F.S
Wetted Parts	stainless steel
Tube Size	1/8" (1/16" optional)
Power Supply	220 VAC 50/60 Hz
Force Convection Oven	✓

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