



Capillary Viscometer for Lab – CVL 1000



General Features

The equipment enables to perform viscosity studies with monophasic fluid low volume (less than 3 cc fixed volume). The automatic mode uses ST measurement cards. FALCON software is delivered with automatic procedure for calibration and measurement. Calculation notes are presented with Excel.

Specifications	
Working Temperature	Ambient to 200°C
Volume	10 ml
Range	0.1 to 10 000 cp
Working Pressure	Up to 1000 bar
ΔP range for viscosity measurement	0.1 to 15 bar
Flow Rate	$8 \cdot 10^{-3}$ ml to 5 cc/min
Accuracy on Temperature Regulation	0.5°C
Accuracy on Pressure Display	0.1 bar

A buffer cell, volumetric or not, motorized or not, is necessary to prepare the sample, make decompression steps and purge gas under bubble point.

Others Information:

- The equipment is manufactured according to DESP 97/23/CE (European codes and rules on pressure vessels)



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- The equipment is mercury-free.
- Pressure safety by independent sensor on the cell receiving the recombined.
- Viscometer pressure safety on process sensors (because of dead volume).

This equipment can be delivered with following options:

- Heating system for tubing
- Tube for Gas Viscosity Measurement



Example of Synoptic

