

Flash Equilibrium Separator GOR100 by



General Features

Our Flash Equilibrium Separator is dedicated to the study of gas expansion of oil samples under pressure with the aim to optimize the separation of the oil/gas phase and the gas/oil ratio.

Specifications	
Working pressure	100 bar (1500psi)
Working Temperature	Ambient to 80°C
Flash Equilibrium Cell Volume	80 ml
Material:	
Cell	Stainless Steel
Sampling visualization	Glass window

Flash Equilibrium Separator has been designed to perform routine GOR measurements at different pressure and temperature stages:

- Separator stage from 1500psi to 15 psi and temperature ambient to 80°C
- Separator stage from 100 psi to 0 psi and temperature ambient
- Separator stage at ambient conditions, atmospheric pressure and room temperature

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Thanks to its linear transducer and its CCD camera, the liquid/gas interface & measured volume offer a real user-friendly and accurate system.

All the system comes assembled on a frame made of aluminium. Equipped with 4 wheels, it makes the system easily movable by operator. Our system is composed of:

- Flash Equilibrium Cell with Flash separator valve
- Volume Measurement System including CCD Camera and linear transducer
- Pressure Sensor 100 bar with pressure display
- Fluid Circulation including set of hand valves, fittings, tubing
- Temperature System including:
 - Heating system for Cell up to 80°C
 - Cooling separator bath including Titanium liquid trap cell and Glass graduated trap cell
- Electrical box with ST Electronic Cards
- PC for Data Acquisition with Falcon® Software
- Aluminium Frame on wheels
- Manual Gasmeter 4L (option)

Example of synoptic with Falcon® Software

