

Flash Separator

Measurement of gas oil ratio (GOR)

The purpose of the Single Stage Separator apparatus is to flash pressurized liquids and measure the gas oil ratio at equilibrium conditions. The liberated gas is measured with the gasometer at ambient conditions while the dead oil flashed is determined by gravity technique

Experiment Description

Live oil from fluid vessel enters the separator. Velocity of fluid decreases because of expansion in cross section. Two phases have enough time to separate. Because of different specific gravity of oil and gas, oil settles down and gas goes to the top of the separator chamber.



Specification	FS-BR01	FS-PR01
Maximum Accumulator Pressure	50 Psi	350 Psi
Pressure Accuracy	0.5 % F.S.	0.1 % F.S.
Working Temperature	Ambient	Ambient
Power Supply	220 VAC, 50/60 Hz	220 VAC, 50/60 Hz
Connections	NPT 1/8 "	NPT 1/8 "
Computer System	✓	✓
User Friendly Automated Data Acquisition, and Calculating Software	✓	✓
Gas Meter	✓	✓

Contact info:

+98 71 3624 6968 / +98 71 3624 7604
info@petroazma.com
www.petroazma.com

Address:

Fars Science and Technology Park,
Aryan St., Dr.Hesabi Blvd., Shiraz, I.R.Iran
P.O Code: 7197687811