

## Flash Separator

The purpose of the flash 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.

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 "
Automatic Control & Data Acquisition System	✓	✓
Data Acquisition System	✓	✓
Gas Meter	✓	✓

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