



Downhole Separation Units

Separation of water and gas from oil allowing water to be transferred to a Modular Group Pumping Station. Downhole Separation Units are designed for oil and gas separation and are used for testing and treating the well production during exploration and pilot operation of well fields.



Specifications

Basic Parameters and Characteristics

Design pressure from 1,6 to 6,4 MPa.

Liquid Capacity, m3/day	100;1000
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Gas Capacity, m3/day	1000;100000
Separator Capacity, m3	2,5;12,5
Storage Tank Capacity, m3	25;200

The capacity and the type of a Gas Separator is selected depending on the gas-oil ratio and operating pressure. The quality of gas separation from liquid will fully meet customer requirements (liquid content in separated gas is below 59 mg/m³). The unit includes gas and liquid metering equipment with parameters communicated to a display and a telemetry system.

Well Separator Units can be supplied both as stationary and mobile units mounted on a trailer/vehicle chassis. Upon request they can also include storage tanks, mobile flare units, loading arms and oil pumps.

