



Test Separation Units

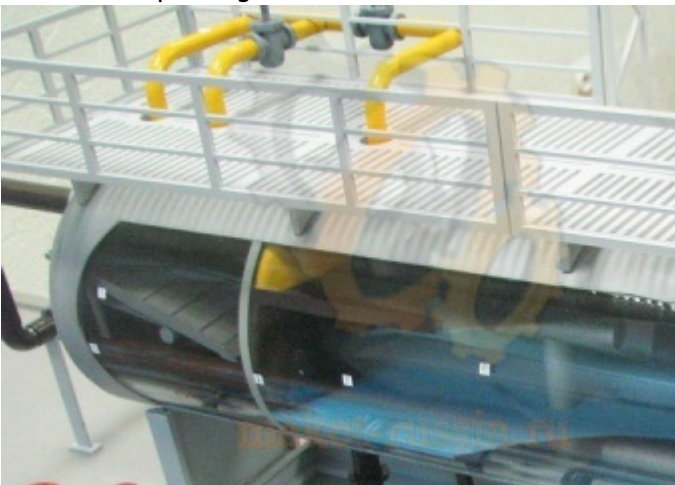
Separation of water and gas from oil allowing water to be transferred to a Modular Group Pumping Station.

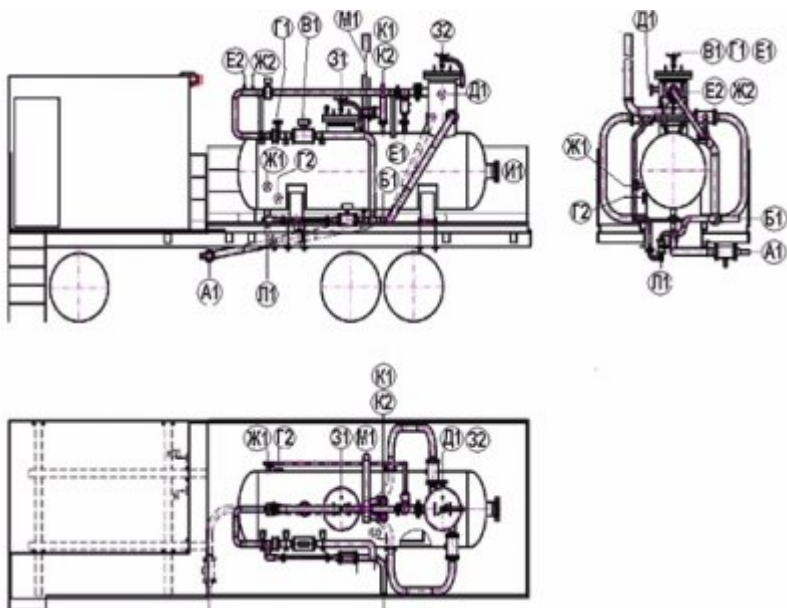
A Mobile Test Separator is designed to meter well fluids from producing wells with liquid flow-rate of up to 500 m³/day, gas-oil ratio of up to 1500 nm³ per ton, operating pressure of up to 6,3 MPa, and with H₂S concentration in reservoir oil of up to 6%.

The metering accuracy is up to 2% of oil and water mass, and up to 3% of gas volume during normal separation of liquid and gas phase.

Metering is carried out continuously and controlled by the local Process Control System based on industrial MCUs (microcontrollers) and a PC workstation. Data is stored and communicated electronically to the relevant engineering services. The metering system is based on high performance separation equipment and high-precision process control instruments.

The mobile package is mounted on an all-terrain triple-axle trailer.





A1	Liquid-Gas Mixture Inlet
B1	Oil and Gas Outlet
B1	Level Alarm
Г1	Upper Level Limit
Г2	Lower Level Limit
Д1	Steam Inlet
E1-E2	Pressure Sensor
Ж1-Ж12	Temperature Sensor
31-32	Manway
И1	Inspection hatch/hole
K1-K2	PSV
Л1	Drainage

M1	Drainage from PSV
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