

TEST UNIT

UNIT: T149

PERFORMANCE

Maximum Operating Pressure (limited to PSV set pressure)	2025 psi (13,961 kPa)
Minimum/Maximum Rated Operating Temperature of Vessel	-50°F/199°F (-45°C/92.8°C)
Liquid Storage Capacity	28.2 bbl (4.5 m ³)
Maximum Gas Flow Rate @ 90% Maximum pressure	81.3 MMscfd (2,294 e ³ m ³ /d)
Maximum Liquid Rate (operating ½ full)	20,000 bbl/day (3,180 m ³ /day)
Liquid Retention Time at maximum flow rate	1 Minutes
Flometer max Gas Flow rate @ 90% Maximum pressure	112.5 MMscfd (3,171 e ³ m ³ /d)
Pressure Relief Valves Max Flow Rate	72.8 MMscfd (2,062 e ³ m ³ /d)
System Maximum Gas Rate (limited by PSV)	72.8 MMscfd (2,062 e ³ m ³ /d)

VESSEL DIMENSIONS

Diameter	42" (1,066 mm)
Length S/S	15' (4.6 m)

FLUID TRANSFER SIZE & PRESSURE RATING

Inlet size	3" (76.2 mm)
Inlet pressure rating	2025 psig (13,961 kPa)
Gas Outlet	3" (76.2 mm)
Oil Outlet size	3" (76.2 mm)
Water outlet size	3" (76.2 mm)
Outlet's pressure ratings	2025 psi (13,961 kPa)



FLOW INSTRUMENTATION

Gas Meter	6" (152.4mm) Senior Daniels
Back Pressure	n/a
Dump Valve	n/a
Differential Recorder	Barton

SHIPPING DIMENSIONS

Width	10' (3 m)
Length	36' (10.2 m)
Height	12' (3.7 m)
Weight Estimate	55,000 lbs. (24,943 kg)



CERTIFICATION

Vessel	ASME Sec. VIII Div. 1
Piping	ASME B31.3
Province(s) of Registration	AB
Sour Service NACE Standard	MR0175