

JISKOOT Hydraulic Power Pack (For 210 Samplers)



Cameron's JISKOOT™ hydraulic power pack provides the fluid reservoir and power source to operate the series 210EH sampler probe.

The power pack consists of a fixed displacement gear pump, directly driven by a flameproof electric motor mounted on a supply tank. The tank is fitted with a suction filter, filler/breather cap, oil level indicator, drain plug, and connection manifold.

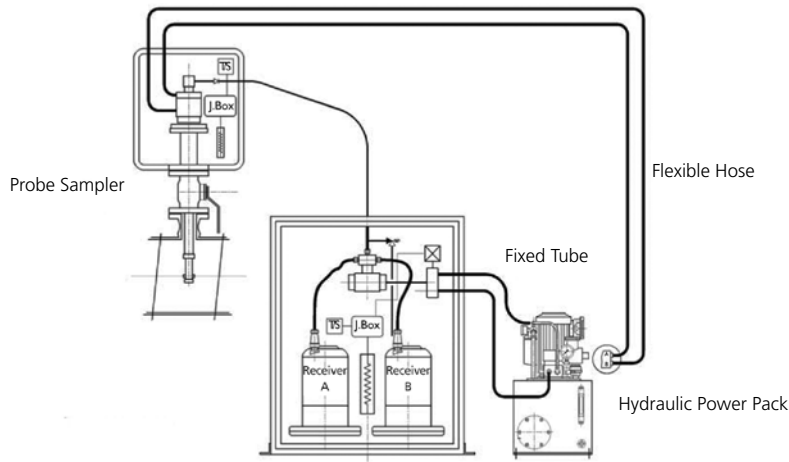
A flameproof, solenoid-operated, directional control valve is fitted to the manifold, which is also fitted with a pressure gauge and internal pressure relief valve.

The series 210EH sampler probe is operated by switching the control valve, which directs the pump delivery alternately to the two sampler actuator connections, while, at the same time, returning the fluid displaced from the actuator to the supply tank. When the sampler probe is not being operated, the pump delivery is returned to the tank via the pressure relief valve.

Specifications

Suction Filter	Provided
Return Filter	Provided, includes blockage indicator
Tank Capacity	56 liters
Tank Accessories	Sight gauge Temperature indicator Drain plug Filler/breather cap
Oil Viscosity	The oil should have a viscosity of approximately 15 to 20 cSt at the operating temperature Special oils may be needed if low temperatures are expected
Outputs	
Pump Capacity	A minimum of 20 liters/minute at the maximum design pressure
Pump Design Pressure	Maximum 10 bar Normal 7 bar Minimum 4 bar Pressure is adjustable and lockable
Utilities	
Solenoid	Full bore, four-port valve
Solenoid Valve Supply	24 VDC, 110/240 VAC 50/60 Hz
Motor Supply	Three-phase supply requirement
Environment	
Design Temperature	Minimum -4° F (-20° C) Normal 59° F (15° C) Maximum 131° F (55° C)
Environment	Suitable for mounting in marine environment
Approvals	
Hazardous Area	ATEX Classification Zone 1 IIB T4 Equipment category II group 2G

Typical Hook-up



LOCATIONS

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