

Auxiliary Equipment Hydro Test Kit



Description

The Hydro Test Kit is a compact and portable system for the use of hydrostatic pressure testing and various forms of permeability testing. The system consists of a diesel-powered high-pressure hydro pump, a regulator manifold with digital pressure data loggers, and various hoses and connections.

The manifold is built for the purpose of closed chamber inflow testing (CCIT), injection fall off testing (IFOT) and diagnostic fracture injection testing (DFIT) and controlled hydro testing.

The unit is rated to 3,600 psi working pressure with primary and back up valving for each port. It is specifically designed to work with any type of DST-string and a large variety of surface configurations. Its compact size and light weight design make it easy and swift to set up, operate and transport.

A permanently mounted pressure gauge allows for quick operational diagnostics, acting as a reliable back up unit for any digital gauge and logger, and identifies trapped pressures within the system with certainty. A universal pressure port ensures a large variety of digital pressure gauges and loggers can be connected to the system.



Applications

- Drill Stem Testing (CIT, IFOT & DFIT)
- Hydrotesting (Wellheads, BHAs, BOPs)

Features

- High pressure quick couplings with double locks
- Compact design for quick and easy deployment
- Intuitive design and operation
- Industry standard hose restraints on all connections
- Extra-long hoses for remote operation

Specifications		METRIC	IMPERIAL
Injection Manifold	Dimensions	55.0 x 45.0 x 20.0 cm	1.8 x 1.5 x 0.7 ft
	Weight	8.0 kg	17.5 lb
	Pressure Rating	24,800 kPa	3,600 psi
	Connections	Quick Connect, Twist Lock	
	Transport Case Dimensions	61.5 x 48.5 x 24.0 cm	2.0 x 1.6 x 0.8 ft
Injection Pump	Dimensions	70.0 x 70.0 x 90.0 cm	2.3 x 2.3 x 3.0 ft
	Fuel Type	Diesel	
	Start Mechanism	Key Start, Pull Start	
	Maximum Flow	18 lpm @ 345 kPa 9 lpm @ 24,800 kPa	4.68 gpm @ 50 psi 2.34 gpm @ 3,600 psi
Auxiliary Hoses	HP Hose Sizes	12.7 mm	1/2"
	HP Hose Pressure Rating	24,800 kPa	3,600 psi
	HP Hose Connections	Quick Connect, Twist Lock	
	LP Fluid Hose Size	25.4 mm	1"
	LP Hose Pressure Rating	690 kPa	100 psi
	LP Hose Connections	1" Cam Lock	
	Transport Case Dimensions	61.5 x 48.5 x 24.0 cm	2.0 x 1.6 x 0.8 ft