

# HOSE PRESSURE TEST PUMP

- **ROBUST IMPACT PROOF CONSTRUCTION.**
- **LIGHTWEIGHT AND PORTABLE.**
- **FUEL COMPATIBLE.**
- **TWO STAGE OPERATION.**
- **FULL SET OF ADAPTERS AVAILABLE.**



## Introduction.

Flexible hoses are the weak link in any fluid delivery system, and can fail due to deterioration or damage. It is therefore now standard practice to pressure test flexible hoses at their maximum design pressure on a regular basis, normally every 6 months. Regular testing minimises the risk of failure, and this risk is particularly severe when the hoses carry dangerous or flammable liquids at high pressures and flow rates, for example, in aviation refuelling systems.

Aljac Fuelling Components now offers a simple to operate cost effective means of carrying out hose pressure testing, the Ridgid Test Pump.

## Description.

We selected the Ridgid Pump because it is impact resistant and uses a lightweight plastic reservoir, making the unit both highly portable and durable. It has an integral pressure gauge, and a unique pressure retaining feature which locks pressure in the hose without the need to close a separate valve.

The pump operates in two stages, rapid filling is carried out by using the full stroke of the handle, while final pressurising is achieved using a shorter stroke. The unit also incorporates a twin

filter system which prevents contamination of the fluid within the hose, this is particularly important for clean duties such as aviation refuelling hoses. All seals are fully resistant to hydrocarbon fuels as well as water.

We can supply threaded reducers to allow connection to a wide range of hose end fittings, and also a dummy aircraft tank unit to connect directly to the end of an aviation refuelling coupling.

## Specification.

Type:- Ridgid 1450.  
Maximum Pressure:- 50 Bar.  
Piston Volume:- 37.7 Cubic Centimetres.  
Outlet connection:- 1/2" BSPP female.  
Reservoir Capacity:- 13.6 Litres.  
Maximum Working Temperature:- 50 deg. C.  
Overall Dimensions:- 710mm long by 220mm wide by 240mm high.  
Nett Weight:- 6.4 Kg.

## How To Order.

Simply Quote Part Number 0905000010 for the basic pump. If you require adapters please consult our sales department stating the thread sizes and if they are male or female.