

# Test Stand For Aircraft Brakes And Flow Regulators

## >PFB6S<



The test stand is developed for testing and purging aircraft brakes and flow regulators (up to max. 350bar/5,000psi).

It is possible to adapt this test stand for other aircraft brakes and flow regulators requiring different parameters.

- > The test stand can be operated manually.
- > 2 test connectors and 1 free return line are fitted.
- > Cooling circuit with a separate pump
- > Safety glass doors to protect the user during high-pressure tests.
- > Work surface for handling the UUTs.
- > UUTs can be placed with a crane.

## GENERAL INFORMATION

- > Testing pressure can be set manually via pressure regulator
- > The mesh size of the filter is 3µm
- > Level and thermal shutdown is provided
- > Safety valve
- > The test stand is made of stainless steel with a black anodized operating front
- > Openings for the transport with fork lift are provided

## TECHNICAL DATA

<p>&gt; <b>Electrical supply (requirements):</b></p> <p>Mains connection: 3/N/PE AC 50Hz 400V                  Nominal current: 18.6A                  Performance: 12.9kVA</p>	<p>&gt; <b>Measurements:</b></p> <p><u>Pressure:</u></p> <p>(2-off) 0 to 10.3bar Cl. 0.6 (EN 837)                  (0 to 150psi)</p> <p>(2-off) 0 to 69bar Cl. 0.6 (EN 837)                  (0 to 1,000psi)</p> <p>(2-off) 0 to 690bar Cl. 0.6 (EN 837)                  (0 to 10,000psi)</p> <p><u>Flow:</u></p> <p>(1-off) 0 to 23lpm ±1% of full scale                  (0 to 6USgpm)</p>
<p>&gt; <b>Hydraulic parameters:</b></p> <p>Medium: Skydrol, Hyjet                  Flow: max. 20lpm at 20bar                  (max. 5.3USgpm at 300psi)                  max. 3lpm at 350bar                  (max. 0.8USgpm at 5,000psi)</p> <p>Filtration: 3µm                  Main tank: 55l (14.5USgal)</p>	<p>&gt; <b>Dimensions and weight:</b></p> <p>Width: 1,450mm (57.1in)                  (safety doors closed)                  2,650mm (104.3in)                  (safety doors opened)</p> <p>Depth: 1,210mm (47.6in)                  Height: 1,870mm (73.6in)</p> <p>Weight: approx. 500kg (approx. 1,102.3lb)</p>
<p>&gt; <b>Operating conditions:</b></p> <p>Ambient temperature: 5 to 35°C                  (41 to 95°F)</p> <p>Storage temperature: 0 to 55°C                  (32 to 131°F)</p> <p>Height: max. 1,000m above MSL                  (3,280ft)</p> <p>Rel. humidity: 10 to 95%                  (non-condensing)</p>	

## OPTIONS

A wide range of options is available to fulfil our customers' requirements.  
 e.g.: adaption to many different of UUTs, dimensions, etc.