

# Test Stand For Landing Gear And Brakes

## >ZSP1<



The test stand is developed for filling, regulating and testing of vibration dampers and hydraulic cylinders of the A/C Eurofighter and Tornado.

It can be adapted for other A/C types.

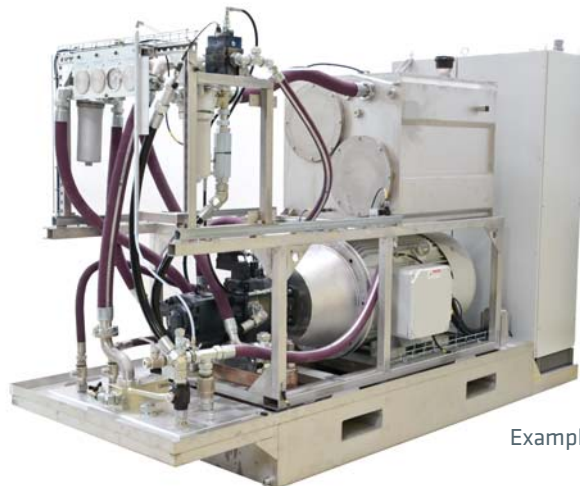
- > Operation via independent hydraulic supply
- > Integrated distance, force and rotation angle measurement
- > Extensive accessories for easy adaption of the UUTs to the test stand
- > Menu-driven operation and indication via touch screen monitor and keyboard with trackball, mounted on a rotary telescope-swivel arm

## GENERAL INFORMATION

- > Test chamber for enclosing the load unit during test operation, to protect the operator.

## TECHNICAL DATA

<p>&gt; <b>Electrical supply (requirements):</b></p> <p>Mains connection: 3/N/PE AC 50Hz 400V                      Nominal current: 135A                      Performance: 93.5kVA                      Prefuse: 200A gl</p>	<p>&gt; <b>Operating conditions:</b></p> <p>Ambient temperature: 5 to 30°C (41 to 86°F)                      Storage temperature: 0 to +60°C (32 to 140°F)                      Height: up to 1,000m (3,280ft) via MSL                      Rel. air humidity: 5 to 95% (non-condensing)</p>
<p>&gt; <b>Compressed air supply (requirements):</b></p> <p>Pressure: min. 6bar (87psi)                      max. 10bar (145psi)</p>	<p>&gt; <b>Dimensions and weight:</b></p> <p>Test stand:                      Width: 2,650mm (104.3in)                      Depth: 1,500mm (59.1in)                      Height: 2,450mm (96.5in)                      Weight: approx. 1,500kg (3,306.9lb)</p> <p>Load unit:                      Width: 1,300mm (104.3in)                      Height: 6,450mm (96.5in)                      Weight: approx. 2,300kg (5,070.6lb)</p>
<p>&gt; <b>Cooling water supply for the hydraulic power supply (requirements):</b></p> <p>Pressure - feed: min. 3bar (43,5psi)                      Temperature - feed: max. 15°C (59°F)</p>	



Example of a hydraulic supply

## OPTIONS

A wide range of options is available to fulfil our customers' requirements.