

Test Stand for PCU Components

>TPCU1<



To test PCU components for the AIRBUS types A380 und A400M like:

- > Pressure
- > Temperature
- > Flow
- > Torque
- > Leakage etc.

It can also be adapted to other aircraft types.

- > Operation via external table and PC
- > Manual, semi- and automatic test runs
- > Quick clamp and quick disconnect coupler to connect the UUT and the test stand
- > Movable protection cover

GENERAL INFORMATION

- > Radial piston pump for pressure tests (Flow 15l/min (3.96USgpm), max. 550bar (7.977psi))
- > Intended for external hydraulic supply (Range: 0 to 380bar (0 to 5511.4psi), max. 160l/min (42.3USgpm) (hydraulic supply unit available)

TECHNICAL DATA

<p>> Electrical parameters (requirements):</p> <p>3/N/PE AC 50Hz 400V Nominal current: 38A</p>	<p>> Measurement range:</p> <p>Pressure: 0 - 600bar \pm 0,25% (0 - 8.702psi \pm 0,25%)</p> <p>Torque: \pm 50Nm \pm 0,2% (0 - 442.5lbf in \pm 0,2%)</p> <p>Flow: 0 - 2l/min \pm 0,5% (0 - 0.53USgpm \pm 0,5%)</p> <p>Temperature: 0 - 100°C \pm 1°C (0 - 212°F \pm 1°C)</p> <p>Speed: \pm 6.000rpm \pm 0,2%</p>
<p>> Dimensions and weight:</p> <p>Length: 1.380mm (54.3inch) Depth: 2.900mm (114.2inch) Height: 3.000mm (118.1inch) Weight: ca. 1.985kg (4.376lb)</p>	<p>> Operating conditions:</p> <p>Temperature: +5 to +40°C (+41 to 104°F)</p> <p>Humidity: 10 to 85% (non condensing)</p>
<p>> Medium:</p> <p>Skydrol LD4 or LD5 as test medium</p>	

OPTIONS

Many options are possible for adaption, e.g. adaption to other aircraft types,...