

## Electric and Hydraulic Test Stand

### >EHP380T2<



For A380 vertical tail in tact 2 of the production line

Automatic test stand

- > Hydraulic unit in noise protection chamber with windows and leak proof collecting tray
- > Complete measuring equipment remote controlled via test stand computer
- > Measuring values store-and recordable
- > Automatic control of the complex test runs

## GENERAL INFORMATION

- > Display of all necessary measuring parameters (flows, NAS Class, pressures, temperatures, electric-parameters etc.) on the monitor;
- > Hydraulic supply with pressure-, flow- and temperature controlled medium (Skydrol);
- > The test stand contains also a test chamber and mobile test units;
- > Hydraulic testing:
  - Pressure test with compressed air
  - Pressure test with Skydrol
  - Flashing
  - Particle counting
- Electric testing:
  - Bonding test
  - Impedance test
  - Cable tree test
  - Beam waveguide test

## TECHNICAL DATA

<p>&gt; <b>General information:</b></p> <p>Main supply: 3/N/PE AC 50Hz 400V                  Nominal output: 79,7kVA                  Nominal current: 115A</p>	<p>&gt; <b>Measurements:</b></p> <p>Pressure Accuracy: 0.5% o.m.r.                  Range: 0 to 500bar</p> <p>Humidity Accuracy: ± 5%                  Range: 0 to 100%</p> <p>Flow Accuracy: ± 1% o.m.r.                  Range: 1 to 80lpm</p> <p>Temperature Accuracy: ± 1K                  Range: -10 to 100°C</p>
<p>&gt; <b>Hydraulic supply:</b></p> <p>Tank approx. 300 Liter</p> <p>Axial piston pump for test pressure supply:                  P<sub>max.</sub>: 420bar                  Capacity: 5 to 75lpm</p> <p>Internal gear pump for circulation circuit:                  P<sub>max.</sub>: 160bar                  Capacity: 145lpm</p>	<p>&gt; <b>Filling and draining:</b></p> <p>Pressure test with-compressed air to 6bar                  Low pressure tests to 70ba                  High pressure tests to 420bar                  Flashing to 75lpm                  Particle counting device for purity grade instruction according NAS</p>

**Bonding test device for quick and easy testing of electric connections.**

**TECHNICAL DATA:**

Test currents:	0.01A to 10A (adjustable)
Test output voltage:	0.1V to 24V (adjustable)
Power output:	240W
Method of measurement:	2 or 4 conductors
Accuracy:	0.5%



**Impedance measuring equipment for quick and easy testing of mass loop's impedance.**

**TECHNICAL DATA:**

Nominal current:	max. 2.5A
Nominal output:	575VA
Measuring range:	2mΩ; 20mΩ; 200mΩ
Accuracy:	± 5% ± 5Digit



**Cable tester for testing the cables in regard of continuity, short circuit, insulation and electrical strength.**

**TECHNICAL DATA:**

Operation:	Laptop via wireless LAN
Channels:	1200 test points
Test current:	max. 2A
Test voltage:	max. 1300VDC



**OPTIONS**

A wide range of options is available to fulfil our customers' requirements. e.g.: Adaption for different aircraft types, etc.



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