

Electrical And Hydraulical Test Stand

>EHP380T4<



For A380 vertical tail in tact 4 of the production line

Automatic test stand

- > Hydraulic unit in noise protection chamber with (leak proof) collecting tray
- > Complete measuring equipment remote controlled via test stand computer
- > Test stand computer remote controllable
- > Automatic control of the complex test runs

GENERAL INFORMATION

- > Display of all necessary measuring parameters (flows, pressures, temperatures, electric-parameters etc.) on the monitor
- > Hydraulical supply with pressure-, flow- and temperature controlled medium (Skydrol)
- > Remote control with touch screen
- > The test stand contains also a test chamber and mobile test units
- > Hydraulical testing:
 - Pressure test with compressed air
 - Pressure test with Skydrol
- Electrical testing:
 - Bonding test
 - Impedance test
 - Angle test
 - Antenna test

TECHNICAL DATA

<p>> General information:</p> <p>Main supply: 3/N/PE AC 50Hz 400V Nominal output: 156 kVA Nominal current: 225 A</p>	<p>> Measurements:</p> <p>Pressure Accuracy: 0.5% o.m.r. Range: 0 to 500bar</p> <p>Flow Accuracy: ± 1% o.m.r. Range: 1 to 80lpm</p> <p>Temperature Accuracy: ± 1K Range: 0 to 100°C</p>
<p>> Hydraulic supply:</p> <p>Tank approx. 300 liter</p> <p>2 axial piston pumps for test pressure supply: P_{max.}: 420bar Capacity: 5 to 75lpm</p> <p>2 internal gear pumps for circulation circuit: P_{max.}: 160bar Capacity: 160lpm</p>	<p>> Filling and draining:</p> <p>Pressure test with-compressed air to 6bar Low pressure tests to 70bar High pressure tests to 420bar</p>

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

TECHNICAL DATA:

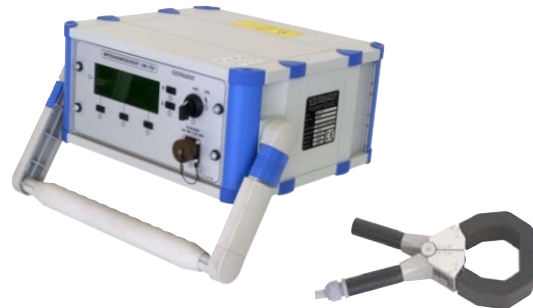
Test currents:	0.01A to 10A (adjustable)
Test output voltage:	0.1V to 24V (adjustable)
Power output:	240W
Method of measurement:	2 or 4 conductors
Accuracy:	0.5%



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



Angle indication device to determine the angular travel on the rudder.

TECHNICAL DATA:

Channels:	2
Accuracy:	±0.02°
Range:	0-360°
Type of protection:	IP 67 (on the cover)



Antenna test

TECHNICAL DATA:

Channels:	2
Frequency:	108 - 118 MHz
Accuracy:	±1dB
Power:	max. 15 W

OPTIONS

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



TEST-FUCHS GmbH

Test-Fuchs Strasse 1-5
A-3812 Gross Siegharts
Tel. +43 (0)2847 9001-0
Fax +43 (0)2847 9001-299
office@test-fuchs.com



TEST - FUCHS

Ing. Fritz Fuchs GmbH
Albert Einstein Strasse 4
D- 85435 Erding
Tel. +49 (0)8122 89207-30
Fax +49 (0)8122 89207-37
tf-erding@test-fuchs.com



TEST - FUCHS

Ing. Fritz Fuchs GmbH
Tempowerkring 6
D- 21079 Hamburg
Tel. +49 (0)40 79012690
Fax +49 (0)40 79012695
tf-hamburg@test-fuchs.com



Test-Fuchs Ltd.

PO Box 287, Diss
IP22 4XR
Tel. +44 (0)1379 651605
Fax +44 (0)1379 651605
tf-uk@test-fuchs.com



Test-Fuchs S.r.l.

Fraz. S. Anna 57
I-14030 Rocca d´Arazzo (AT)
Tel. +39 0141 408488
tf-italy@test-fuchs.com