

Pulse pressure test bench

>DP2A<



Universal test bench for computer-controlled testing of A380 components up to 8000psi dynamic and 26000psi static testing

- > Temperature simulation -60°C to +110°C
- > Dynamic and static pressure testing of hydraulic components, e.g. housings, tubes, connecting devices, etc.
- > Quick-clamping system for UUTs pre-mounted on a trolley

GENERAL INFORMATION

- > Quick-deaeration using vacuum
- > Stainless steel construction

TECHNICAL DATA

> Main circuits:		> Supplies:	
HP pump circuit	max. 25lpm max. 550bar with highly dynamic servo valve for curve generation	Mains supply	3/N/PE AC 50Hz 400
Test outputs	5 to 540bar	Nominal current	115A
Static pressure test circuit	max. 1800bar	Nominal power	65kVA
Vacuum circuit with separator	up to 900mbar	Preliminary protection	125A
Air circuit	max. 10bar	Air supply	min. 5bar, max. 10bar
Control pressure circuit	max. 5lpm max. 160bar	Water supply	min. 1bar, max. 5bar
LP pump circuit	max. 30lpm max. 20bar		
Main tank	approx. 100litres		
N2 circuit	N2 connector max. 300bar		
N2 reservoir	max. 550bar		
Cooling water circuit	max. 105lpm max. 5bar		
Scavenge - leakage measurement circuit level approx. 2l, scavenge tank approx. 28l			
Flushing/temperation circuit	max. 30lpm, max. 20bar		
Cooling machine for test medium	-60°C to +20°C		
Conditioning unit, test chamber	-60°C to +110°C		
Test medium	Hydraulic oil Skydrol LD4, Skydrol 5 HyJet 5		

OPTIONS

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