

Hydraulic Test Benches For Flight Control Units SERIES >HPM-S/M-FC<



This test bench is developed to test the function of flight control units for 3000 and 5000psi systems for aircraft types like:

- AIRBUS
- ANTONOV
- BOEING
- BOMBARDIER
- EMBRAER
- FOKKER
- LOCKHEED MARTIN
- MCDONNELL DOUGLAS
- SUKHOI, etc.

- > The test bench can be supplied for Skydrol or mineral oil.
- > Several options grant an assembly of the test bench, which is in accordance with individual requirements.
- > The modular design of the unit ensures ease of transportation and service.
- > Three different types of this unit are available, other designs can be offered on request.

RANGE OF APPLICATION

> The Skydrol version (letter “S”) can be used but is not limited to the following aircraft types:

AIRBUS	BOEING	BOMBARDIER	ANTONOV
A300	B737	CRJ Series	AN-148
A319	B747		
A320	B757		
A330/340	B767	EMBRAER	SUKHOI
A380	B777	ERJ135/145	SSJ-100
A400M	B787	E-Jets	

> The mineral oil version (letter “M”) can be used but is not limited to the following aircraft types:

Eurofighter	Tornado	F-18	F-16	F-15	F-4	AN-124
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3000PSI HYDRAULIC TEST BENCH

> suitable for aircraft types equipped with a 3000psi system

Type	Flow HP circuit [US gpm]	Flow HP circuit [l/min]	Flow LP circuit [US gpm]	Flow LP circuit [l/min]
HPM-S/M-FC-40-30	40	151	62	235

5000PSI HYDRAULIC TEST BENCH

> suitable for aircraft types equipped with a 3000psi and 5000psi system, e.g.: A380

Type	Flow HP circuit [US gpm]	Flow HP circuit [l/min]	Flow LP circuit [US gpm]	Flow LP circuit [l/min]
HPM-S/M-FC-40-50	40	151	62	235
HPM-S/M-FC-60-50	60	227	95	360

OPTIONEN

- > Various options can be offered to make a tailored solution to the customers requirements.
e.g.: different control consoles, touch screens, etc.

TECHNICAL DATA

> Electrical connected loads (max.):

Mains connection: 3/N/PE AC 50Hz 400V
Nominal current: 32A
Power: 22kVA

Mains connection: 1/N/PE AC 50Hz 230V
Nominal current: 10A / 13A
Power: 2.5kVA

> Medium:

Letter "S":

Skydrol IV, Skydrol V
Hyjet IV, Hyjet V

Letter "M":

Hydraulic oil: MIL-H-5606
MIL-H-83282
MIL-H-87257

> Dimensions:

Length: 2,795mm (9.2ft)
Width: 1,982mm (6.5ft)
Height: 2,500mm (8.2ft)

(Dimensions including the swivel arm)