

Universal Hydraulic Test Bench

>UHTB1M<



Supply Unit



Test bench

To test hydraulic components of different aircraft types, like:

Chinook
Hercules C130J
Nimrod MR4
Sentry
Tornado
Typhoon

Can also be adapted for other aircraft types.

- > Testing of adjustable flow and pressure with two independent hydraulic circuits
- > Static pressure test up to 1000 bar
- > Leak oil-free quick disconnect couplings
- > Supply of the electronics of the aircraft components

APPLICATION

Chinook	Nimrod MR4	Tornado	
Hercules C130J	Sentry	Typhoon	

GENERAL INFORMATION

- > Manual, semi- and fully automatic test run
- > Swivel-mounted display-and operation unit with 19" TFT-LCD monitor

TECHNICAL DATA

<p>> Hydraulic circuits:</p> <p>Pressure:</p> <ul style="list-style-type: none"> max. 415 bar (High pressure circuits) max. 1000 bar (Static pressure circuit) max. 20 bar (Return) <p>Flow:</p> <ul style="list-style-type: none"> max. 180 l/min at 300 bar (High pressure circuits) max. 135 l/min at 350 bar (High pressure circuits) max. 5 l/min at 415 bar (High pressure circuits) max. 5 l/min at 650 bar (Static pressure circuit) min. 0,5 l/min at 0.2 bar (Low Demand Low Pressure Circuit) <p>Medium:</p> <p>MIL-H-5606, MIL-H-83282 and MIL-H-87257</p>	<p>> Adjustable drive- and load unit:</p> <p>Speed: max. 15000 rpm</p> <p>Power: approx. 75 kW (to 7000 rpm) approx. 12 kW (to 15000 rpm)</p>
<p>> Electrical parameters:</p> <p>Number of DC-supplies: 2</p> <p>Supply: 0..40 VDC / 0..15 A</p>	<p>> Electrical supply (requirements):</p> <p>Power supply: 3/N/PE AC 50 Hz 415 V</p> <p>Nominal current: 250 A</p> <p>> Dimensions and weight:</p> <p>Test bench LxBxH: approx. 2670 x 1500 x 1780 mm</p> <p>Supply unit LxBxH: approx. 3050 x 2240 x 2000 mm</p> <p>Weight test bench: approx. 3550 kg</p> <p>Weight supply unit: approx. 4350 kg</p>

Technical data are subject to change!