

Wing Tank Test System

>WTS1<



The test system is developed to carry out pressurization tests on wing tanks as well as safety valve tests for the aircraft PC24.

It is possible to adapt the equipment for other aircraft types.

- > Supply of the device is ensured by an external pressure source
- > Two test pressure circuits with varying pressure ranges and a vacuum circuit are fitted to ensure testing of test objects
- > An activated carbon filter is provided at the return pipe to ensure filtering of fuel vapors
- > Control elements are well arranged on the control panel inside the case

GENERAL INFORMATION

- > Outlet pressure can be read at the pressure gauge
- > The equipment is fitted in a solid transport case
- > Hoses and adapters required to operate the appliance are included in the scope of delivery
- > In order to ensure safe storage and easy transportation the accessories are located in a separate case.

TECHNICAL DATA

<p>> Pneumatic supply (requirements):</p> <p>External pressure supply: 6 to 10bar (87.0 to 145.0psi)</p> <p>Quality of compressed air: ISO 8573-1 ISO Code 1-4-2</p>	<p>> Operating conditions:</p> <p>Altitude: max. 1,000m (3,281ft) MSL</p> <p>Operating temperature: 5 to 35°C (41 to 95°F)</p> <p>Storage temperature: 0 to 60°C (32 to 140°F)</p> <p>Relative humidity: 5 to 95% (non-condensing)</p>
<p>> Pneumatic parameters:</p> <p>Test pressure circuit 1: 0 to 0.83bar (0 to 12psi)</p> <p>Test pressure circuit 2: 0 to 3.44bar (0 to 50psi)</p> <p>Vacuum circuit: -0.75 to 0bar (-11 to 0psi)</p>	<p>> Dimensions and weight:</p> <p>Suitcase >WTS1<</p> <p>Width: approx. 980mm (39.0in)</p> <p>Height: approx. 380mm (15.0in)</p> <p>Depth: approx. 700mm (28.0in)</p> <p>Weight: approx. 45kg (99.0lb)</p> <p>Case for accessories >WTS1<</p> <p>Width: approx. 600mm (24.0in)</p> <p>Height: approx. 270mm (11.0in)</p> <p>Depth: approx. 500mm (20.0in)</p>

OPTIONS

Various options are available to meet our customers' requirements.