

## Test Stand for Safety Valve

### >PSV1000N<



For testing of safety valves of the aircraft types A319, A320, A321, A330 and A340 for function and leakage

- > Each part of the test chamber is protected by a safety valve.
- > Simulation of cabin pressure by filtered compressed-air.
- > Closing of the test chamber by a hydraulic clamping system; clamping pressure monitoring by means of pressure switches.

## GENERAL INFORMATION

- > The test stand complies with ergonomic requirements. The suspended operating unit can be moved and rotated horizontally.

## TECHNICAL DATA

<p>&gt; <b>Supply voltage, test stand:</b></p> <p>Mains supply: 3/PE AC 50Hz 400V                  Power: max. 18.7kVA                  Preliminary fuse: 32A</p>	<p>&gt; <b>Measurements:</b></p> <table border="0"> <tr> <td>Flow</td> <td>0.1 to 2.5kpm</td> <td>Cl. 1.0</td> </tr> <tr> <td></td> <td>0.1 to 150gpm</td> <td>Cl. 1.0</td> </tr> <tr> <td>Differential pressure</td> <td>to ± 1000mbar</td> <td>Cl. 0.15</td> </tr> <tr> <td>Absolute pressure</td> <td>0 to 6bar</td> <td>Cl. 0.25</td> </tr> <tr> <td>Temperature, test chamber</td> <td>0 to 50°C</td> <td>± 1K</td> </tr> <tr> <td>Absolute pressure, ambient</td> <td>0.9 to 1bar</td> <td>Cl. 0.25</td> </tr> <tr> <td>Humidity and temperature measurement, ambient</td> <td>0 to 100%rF</td> <td>Cl. 3.0</td> </tr> <tr> <td></td> <td>-20 to +60°C</td> <td>Cl. 0.5</td> </tr> </table>	Flow	0.1 to 2.5kpm	Cl. 1.0		0.1 to 150gpm	Cl. 1.0	Differential pressure	to ± 1000mbar	Cl. 0.15	Absolute pressure	0 to 6bar	Cl. 0.25	Temperature, test chamber	0 to 50°C	± 1K	Absolute pressure, ambient	0.9 to 1bar	Cl. 0.25	Humidity and temperature measurement, ambient	0 to 100%rF	Cl. 3.0		-20 to +60°C	Cl. 0.5
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<p>&gt; <b>Supply voltage, computer:</b></p> <p>Mains supply: 1/N/PE AC 50Hz 230V                  Power: max. 0.8kVA                  Preliminary fuse: 16A</p>	<p>&gt; <b>Dimensions and weight:</b></p> <p>LxDxH: 3900mm x 1140mm x 1980mm                  Weight: 2120 kg</p>																								
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<p>&gt; <b>Pneumatic supply:</b></p> <p>Range: 6 to 10bar                  Air volume: 2.5kpm</p>																									