

Media Supply Module

> MSM6-380 <



Example of a module

For the use in the test range (QA) at the fitting installation in the final assembly line of the A380

Various modules for the following systems:

- > Fire extinguishing-, oxygen- and cooling system
- > Potable Water FWD
- > Potable Water AFT
- > Waste system
- > Cargo Compartment Leakage (mobile)
- > Vacuum Supply for Vacuum/Toilet system (mobile)

- > Compressor unit incl. filling station to supply the modules
- > Stainless steel construction
- > Compact construction to ensure easy integration to stages and stair cases

GENERAL INFORMATION

- > Operation via main computer, touch panel direct on the module as well as wireless remote control
- > Manual and automatic test run (also via ESAO-test system)
- > Indication of status- and error messages in clear text

TECHNICAL DATA

<ul style="list-style-type: none"> > Compressed air: Test pressure max. 75bar (compressor) Test pressure max. 225bar (compressed air bottle 7l/300bar) Operation compressed air 5.5 to 10bar (external supply) 	<ul style="list-style-type: none"> > Vacuum: 0 to -920mbar
	<ul style="list-style-type: none"> > Inert gas: provided in bottles up to max. 75bar
<ul style="list-style-type: none"> > Water: Fresh water 4.5 to 5.5bar (external supply) 	<ul style="list-style-type: none"> > Over-/ underpressure for Cargo Compartment Leakage: Axial blower adjustable of 10 to 300dm³/sec, of 1.5mbar underpressure to 1.5mbar overpressure (depending on rotating direction)
<ul style="list-style-type: none"> > Disinfectant: Admixture to fresh water via dosing pump in the module Potable Water AFT 	
<ul style="list-style-type: none"> > Slop: Drainage via sewage system of the hangar 	<ul style="list-style-type: none"> > Mains supply: 3/N/PE AC 50Hz 400V 1/N/PE AC 50Hz 230V



OPTIONS

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

Media Supply Module - Air

>MSM6-AP1-380<



The equipment is designed for all models and modifications of the Airbus A380

- > The unit supplies compressed air to ensure completion of tests in the required quality
- > The equipment is operated via monitor and mouse, touch panel on the module or by the remote control
- > Pressure control is ensured

GENERAL INFORMATION

- > Tests are carried out in a manual, semi-automatic and fully automatic mode
- > Stainless steel construction
- > Due to its compact design the equipment is user friendly and can be easily serviced and transported
- > Indication of status- and error messages in clear text

TECHNICAL DATA

> Compressed air:

Test pressure max. 75bar (compressor)
Test pressure max. 225bar (compressed air bottle 7 l/300bar)
Control pressure 5.5 to 10bar (on-site air, hangar)

> Mains connection:

3/N/PE AC 50Hz 400V
Power: 0.7kVA
Nominal current: 1A

> Dimensions and weight:

Width: approx. 2432mm (95,75in)
Depth: approx. 639mm (25,16in)
Height: approx. 1403mm (55,24in)
Weight: 460kg (1014lbs)

OPTIONS

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

Media Supply Module - Water

>MSM6-PWA-380<



The equipment is designed for all models and modifications of the Airbus A380

- > Fresh water supply and dirty water removal are ensured
- > The disinfection purging circuit is fitted with a metering pump
- > The equipment is operated via monitor and mouse, touch panel at the module or by the remote control

GENERAL INFORMATION

- > Tests are carried out in a manual, semi-automatic and fully automatic mode
- > Stainless steel construction
- > Due to its compact design the equipment is user friendly and can be easily serviced and transported
- > Indication of status- and error messages in clear text

TECHNICAL DATA

> Water:

Fresh water 4.5 to 5.5bar (hangar)
Dirty water is removed through the on-site waste water system

> Mains connection:

3/N/PE AC 50Hz 400V
Power: 2.8kVA
Nominal current: 4A

> Dimensions and weight:

Width: approx. 2437mm (95,94in)
Depth: approx. 634mm (24,96in)
Height: approx. 1403mm (55,24in)
Weight: 470kg (1036lbs)

OPTIONS

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

Media Supply Module- Cargo Compartment

>MSM-CC-380<



For use in the test range, (QA) of the Airbus A380

Designed for all models and versions of the Airbus A380

- > Leakage rate measurement of the Cargo Compartments FWD and AFT in over- and under pressure range
- > Flow measurement via differential pressure sensor
- > Operating possibilities: Main computer, Touch panel direct on the module as well as via wireless remote control

GENERAL INFORMATION

- > Pressure adjustment via regulation of the blower speed
- > Manual and automatic test run (also via ESAO-test system)
- > Mobile construction in stainless steel housing
- > Low-noise operation due to integrated silencer in the input- and output lines
- > Space saving hose storage inside the module

TECHNICAL DATA

<p>> Over-/ underpressure:</p> <p>Axial blower adjustable of 10 to 300l/sec, of 1.5mbar underpressure to 1.5 mbar overpressure (depending on rotating direction)</p>	<p>> Connection hose:</p> <p>Spiral hose Ø160mm, length 7m</p>
<p>> Mains supply:</p> <p>3/N/PE AC 50Hz 400V Power: 2.8kVA Nominal current: 4A</p>	<p>> Sound level:</p> <p>max. 70dB(A)</p>
<p>> Flow measurement:</p> <p>0 to 100l/sec ±4l/sec</p>	<p>> Dimensions and weight:</p> <p>Width: approx. 2000mm (78,74in) Depth: approx. 1140mm (44,88in) Height: approx. 1440mm (56,69in) Weight: 450kg (981lbs)</p>

OPTIONS

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

Media Supply Module - Vacuum

>MSM-VS-380<



For the use in the test range (QA) of the Airbus A380

Designed for all models and versions of the Airbus A380

- > Provides the vacuum to perform tests in the Vacuum/Toilet System
- > Operating possibilities:
Main computer,
Touch Panel directly on the module as well as wireless remote control
- > Programmable pressure control valve for definable pressure dwell curve

GENERAL INFORMATION

- > Manual and automatic test run (also via ESAO-test system)
- > Mobile construction in stainless steel housing
- > Indication of status- and error messages in clear text
- > Usage in connection with Leakage measurements via inert gas

TECHNICAL DATA

<p>> Vacuum:</p> <p>0 to -920mbar rel.</p>	<p>> Limiting valve:</p> <p>max. -920mbar rel.</p>
<p>> Operation compressed air:</p> <p>5,5 to 10bar (external supply)</p>	<p>> Rotary slide-vacuumpump:</p> <p>one-level, oil-sealed, air cooled with integrated oil mist separator Nominal suction speed 26m³/h</p>
<p>> A/C connections:</p> <p>Vakuum 1-4 1/2" clamping ring</p>	<p>> Dimensions and weight:</p> <p>Width: approx. 1200mm (47,24in) Depth: approx. 790mm (31,10in) Height: approx. 1210mm (47,63in) Weight: 400kg (882lbs)</p>
<p>> Mains supply:</p> <p>3/N/PE AC 50Hz 400V Power:3.5 kVA Nominal current:5A</p>	

OPTIONS

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