

Test system for Cargo Hold and Tunable Vibration Absorber System

>TS-CH-TVAS1<



Designed as electrical power supply and in order to perform CAN-bus simulation for the Tunable Vibration Absorber System of AIRBUS A400M.

In addition this test system serves to perform functional tests on different consumers in the cargo hold of AIRBUS A400M.

Can be adapted for other aircraft types.

- > Ergonomic, compact design
- > Integrated, hinged touch panel
- > Integrated, extendable drawer for keyboard and mouse
- > Connection via CEE plug (16A) with 10m cable

MISCELLANEOUS

- > This test bench serves to perform functional tests on different consumers in the **cargo hold (CH)** and for testing electric installation of **Tunable Vibration Absorbers (TVAS)**.
- > Functions of the following systems are tested - inside the **cargo hold (CH)**:
 - lockings and guideways of cargo hold floors (roller restraint system)
 - crane inside the cargo hold
 - miscellaneous consumers (miscellaneous equipment)
- > By reduction of structure vibrations the **Tunable Vibration Absorbers System (TVAS)** reduces the noise level (caused by propellers) inside the cargo hold.

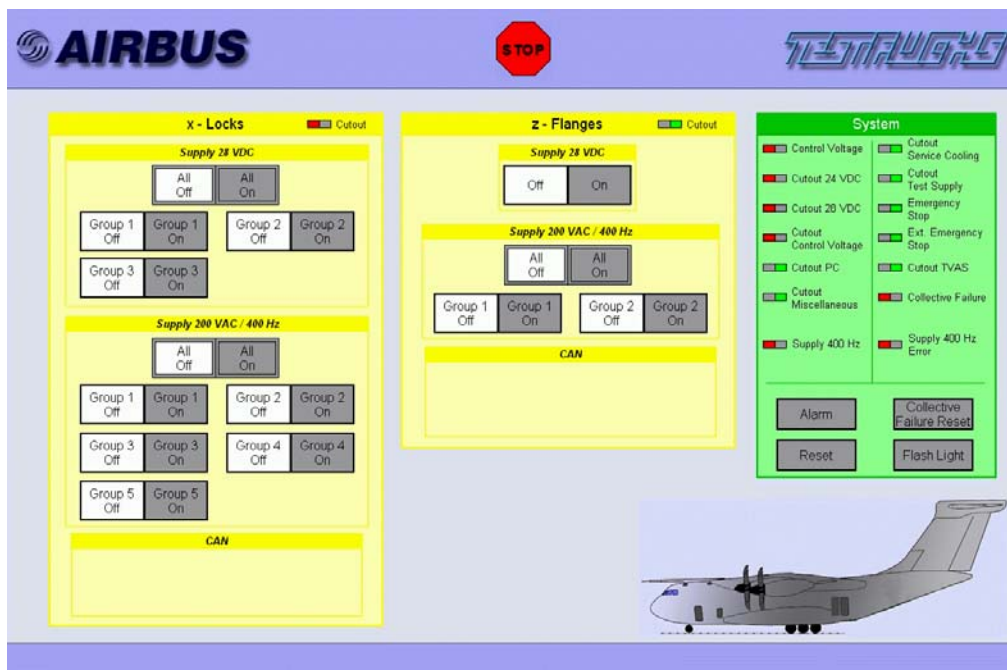
TECHNICAL DATA

> Electrical connected loads:

Main supply:	3/N/PE AC 50Hz 400V
Power:	10.2kVA
Nominal current:	15A
Back-up fuse:	16A

> Dimensions and weight:

Width:	700mm	(2.3ft)
Depth:	800mm	(2.6ft)
Height:	2050mm	(6.7ft)
Weight:	300kg	(660lb)



User interface

By using individual buttons, 28VDC resp. 200VAC/400Hz commands are transferred to hydraulic consumers in the **Cargo Hold (CH)** and to the **Tunable Vibration Absorbers System (TVAS)** of A400M.

OPTIONS

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

Technical data are subject to change!