

Pressaim Pressurization Test Bench Test Systems

➤ Tested Systems

Resistances and pressurization of the plane fuselage

➤ Client & Programmes Supplied

EADS Final Assembly Lines:
A400M

➤ Tasks Developed

Design of the Hardware and Software
Production
Integration of the System on client installations

This bench controls and supervises the compressed air provision during the execution of the resistances and pressurization tests for the plane fuselage.

The control of the different components integrating the bench can be done in both ways:

- Manually: the control will take place through a synoptic diagram that will appear in the tests execution area screen.

- Automatically: The control in this occasion will be done through CATS.

➤ Main Features

The pneumatic part of the Pressaim includes all the components which, integrated, allow the air flow handling through the bench

These components are managed by a PLC which also controls the signals sent by the sensors installed all over the bench used to supervise the pneumatic circuit conditions.

The PLC can be operated through a synoptic diagram shown in the two computers, each one located in each of the two test execution points. In the automatic mode the operative system of the client (CATS) requires a total control of the PLC through the PC. On the manual function the user interacts with the system through the synoptic diagram shown on the screen of the computer.

