



TEST ENGINEERING
MECHATRONICS

Braking System

Fluid Transfer

Transmission

Car interior



Fluid Transfer

Test bench for pulsed air pressure



SDI's pulsed air test systems are designed for the global equipment suppliers or car manufacturer involved in the use or production of air ducts and pipes. Our solutions allow prototyping, characterization and durability testing to ensure quality and compliance with automotive and aeronautic industries standards

Characterization and Durability Tests

Environmental simulation

SDI's Pipes and ducts test systems are designed to recreate precisely the environment in which your products are used. SDI's systems allow characterization and durability testing of your ducts and pipes by generating pulsed air cycles through the tested product and by controlling all of the environment's variables: temperature and pressure of the air, displacement of the product, injection of oil mist to simulate real-life conditions, temperature and hygrometry of the climatic chamber, leak measurement, etc.

Norm oriented

The norm orientation of the software allows the user to easily create a test sequence to validate the conformity of its product. This rapid configuration of the test system means that the bench is adaptable to your different needs.

Cost efficient and reliable

SDI's standard solution allows for a rapid return on investment. The time needed for adaptation and configuration of the system to new products is reduced by the flexibility of the test bench and the price of a standard solution is without comparison. SDI's test system are also experiencing extraordinary uptimes!

Compact and clean

All of SDI's realization answer the ISO 14001 environmental standards. The pipes test benches are reducing the quantity of used fluid thanks to his accurate leakage detection system.

This system is also a compact solution and it has been designed to minimize its impact in the work area.

SDI is a test engineering company offering reliable and innovative solutions in test systems and mechatronics. Our solutions include the provisions of test systems, software and services ranging from your needs' definition to the installation and the analysis of the test's results. We are here to help you conceive products that precisely answer norms, quality and reliability constraints set by your clients. SDI complies with the ISO - 9001 : 2008 norm. SDI is also committed to sustainable development. The company is an active member of the Environmental Managers Network and has put in place ISO 14001 environmental controls.



+33 1 34 18 78 28
info@sdi-tech.com
www.sdi-tech.com

SDI
8, Rue Constantin
Pecqueur, 95150
TAVERNY, France