

Brake Testing Equipment

Brake Testing Units

We realize brake test equipment for individual coach or complete trains. The systems are realized either with manual or automatic control through a PC controlled via radio/wireless.

Depending on the application, the type of test to be performed and the relevant environment, a wide range of solutions are offered as follows.

Mobile Brake Testing Units

The MBTU is a portable system designed to test the brake pneumatic system of the single coach, the entire train as well as of the freight wagon, according to the UIC 540 & 543 standards.

This enables automatic testing and by a single operator.

The system is controlled via laptop and a wireless connection.

Along with the equipment, a compressor to independently generate compressed air can be provided.

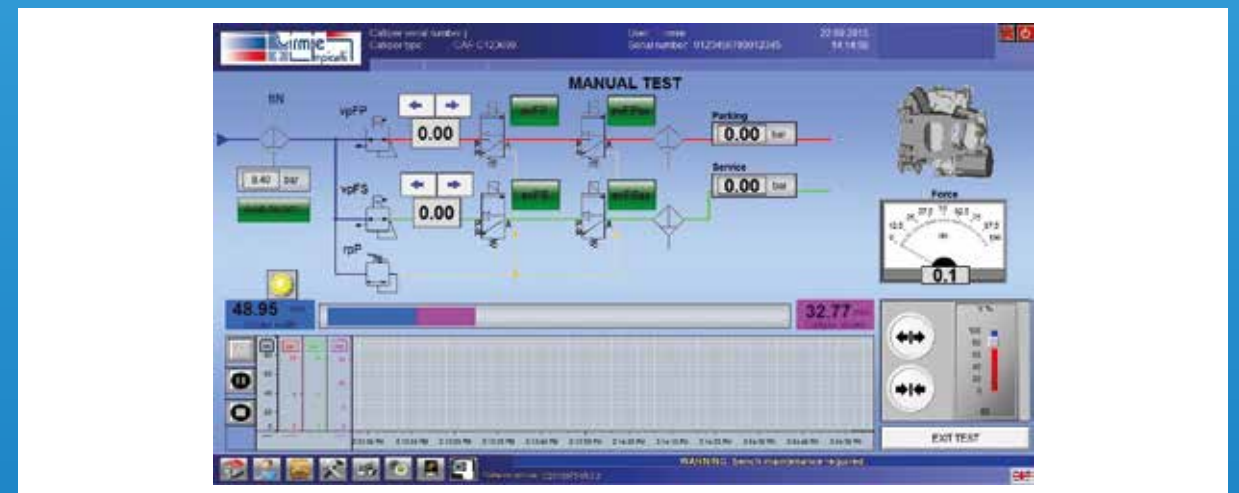
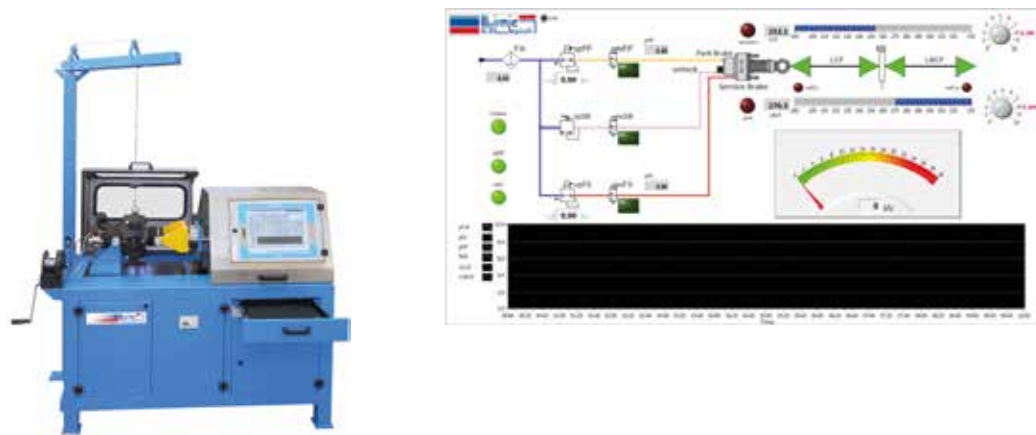
Moreover, the MBTU allows the testing of the brake panel dismantled from the train.



Test Benches for Brake Cylinders without Calipers

This bench enables automatic testing of the force, leakage, stroke and it checks the brake pad adjuster, by meeting the testing standards of all major brake cylinder manufacturers.

The quality of the components being used, along with an automatic calibration procedure, allows achieving and ensuring over time high accuracy standards.

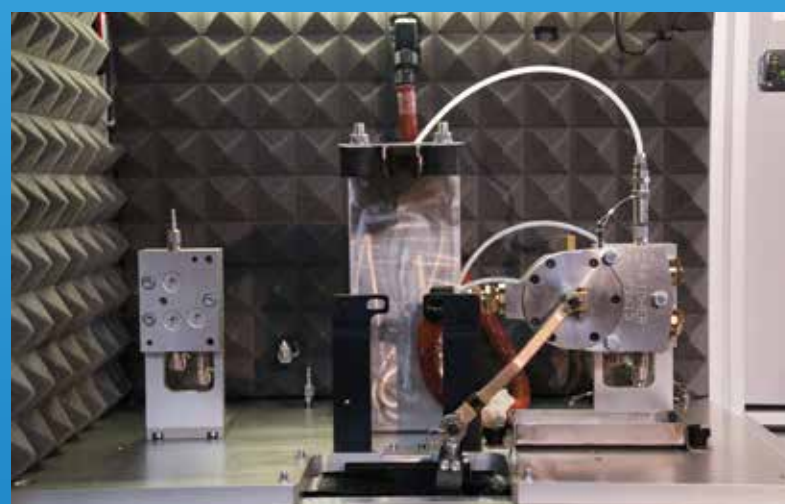
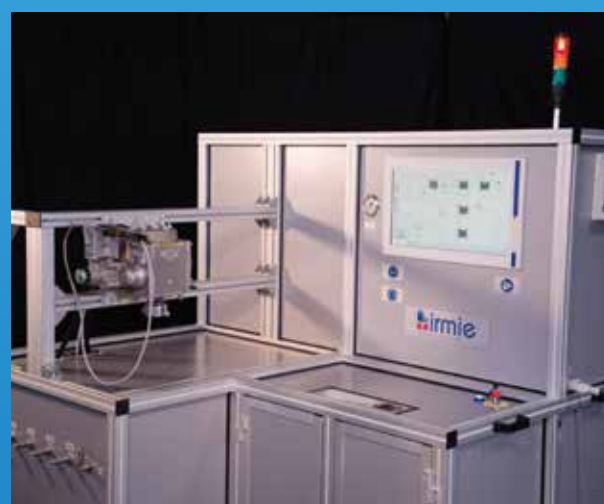


Test Benches for Brake Cylinders with Calipers

The bench enables automatic testing of the force, leakage, stroke and it checks the brake pad adjuster, by meeting the testing standards of all major brake cylinder manufacturers.

The quality of the components being used, along with an automatic calibration procedure, allows achieving and ensuring over time high accuracy standards.





Test Benches for Solenoid Valves and Distributors

This bench enables the automatic testing of all main valves and distributors of the braking systems on railway and metro vehicles.

Solutions in Fixed Installations, Containers, Outfitted Vans

We realize custom solutions of Brake Testing Equipment for outdoor installation in rail depots.

The use of special containers enables to reduce the costs for the construction of dedicated rooms for this equipment.

The outfitted vans solution guarantees an increased flexibility and autonomy in terms of intervention times and locations.





IRMIE IMPIANTI S.r.l.

Verona - Italy
T +39 045 6090955

sales@irmieimpianti.com
www.irmieimpianti.com