



### Description

- Fully functional system
- Diagnosis through OBD 16 pole diagnostic socket
- Open contacts for measuring system components and circuits
- Fault code simulations

A fully functional ABS/ASR electronic braking system trainer is installed in a mobile aluminum frame. This training board simulator is specially designed to demonstrate ABS/ASR braking system and operational structure. The educational training board is based on Audi/VW OEM components. The stand is equipped with a functional BOSCH 5.3 ABS/ASR braking system and shows the different operation modes.

The training board-simulator is a great educational tool that allows students to learn the structure of ABS/ASR control system, study its components, perform various measurements, tests, and other diagnostic procedures. Equipment for technical and vocational Tesca education and training.

### Technical Specifications and Functions

- The training board is equipped with a functional BOSCH 5.3 ABS/ASR braking system
- Installed pressure gauges can monitor the pressure in the main brake circuit and the individual pressure of each wheel
- The training board is equipped with the original hydraulic brake system. The brake pads of the brake drums are used instead of the brake discs to demonstrate when the pressure rises up and the braking moment starts
- The operation of the hydraulic circuit is shown on the stand in the pictures in different mode

Electric wiring diagram with built-in banana plug jumpers for measurements and simulation of the system's fault codes; Diagnostic and measurement

### Oscilloscope/Multimeter

System's parameters are measured by connecting to the banana connector;  
Ability to measure electrical signal parameters of each system component;

Note: Specifications are subject to change.

### Control Unit Diagnosis

- Diagnosis through OBD 16 – pin diagnostic connector
- Electronic control unit (ECU) identification
- Reading/erasing fault codes
- Displaying the operating system parameters (live data)
- Activating the actuators (depends on the control unit)

### Other

- The stand has a closed structure – internal wiring is not visible
- Power supply: 12 V from the battery (not included as standard accessory)
- Dimensions approx. (HxLxW): 1820x1360x500 mm
- Nett weight approx : 70 Kg
- CE certificate

### Optional Accessories

- 12 V Battery
- 220/12 V power supply unit
- Tesca oscilloscope
- OBD Diagnostic scan tool

Tesca training equipment is a great tool for professional teachers and technicians that helps explain to students of technical subjects how processes in ABS/ASR system Educational Trainer operate and its technology.

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