

## ABS 5.3 BOSCH Braking system Training board — simulator

Fully functional ABS electronic braking system is installed in a mobile aluminum frame. This training board — simulator is specially designed to demonstrate ABS 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 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 control system, study its components, perform various measurements, tests and other diagnostic procedures.

### Technical specifications and functions

- The training board is equipped with a functional BOSCH 5.3 ABS braking system
- With installed pressure gauges it is possible to monitor the pressure in the main brake circuit and the individual pressure of each wheel
- The training board is equipped with original hydraulic brake system. Just the brake pads of the brake drums are used in stead of the brake discs, to show better, 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

#### Control unit diagnosis

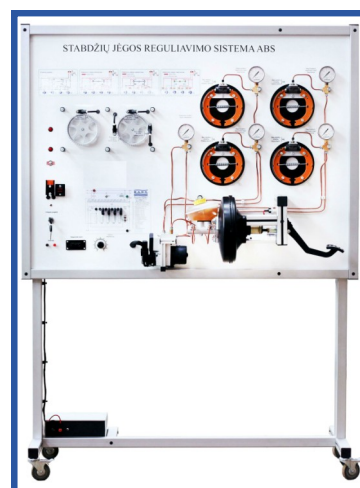
- Diagnosis through OBD 16 – pin diagnostic connector
- Electronic control unit (ECU) identification
- Reading/erasing fault codes
- Displaying the operating system parameters (live data)
- Activating the actuators (Depends on the control unit)

#### 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)1820x1360x500mm
- Nett weight approx.: 70 Kg
- Made in Lithuania
- CE certificate

#### Optional accessories

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



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