



**UNIVERSE**

## **ABS BRAKING SYSTEM TRAINING BOARD SIMULATOR AZA1245**

The AZA1245 ABS Braking System Training Board Simulator is a fully functional automotive training platform designed to provide comprehensive practical understanding of Anti-lock Braking System (ABS) operation, diagnostics, troubleshooting, and repair procedures.

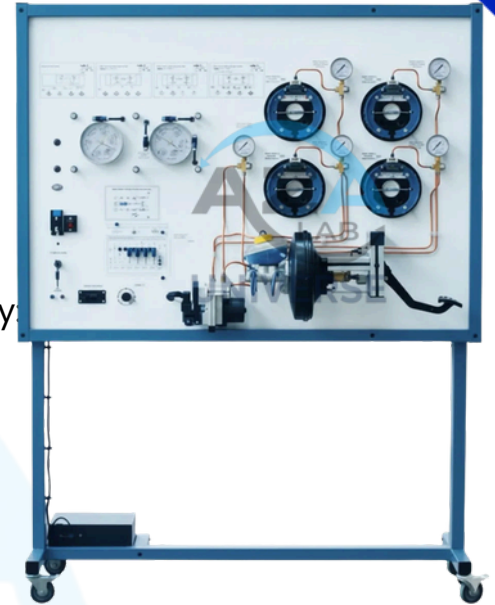
Built using original automobile ABS components, the simulator enables students, technicians, and trainees to study

- ABS system structure and operation
- Electronic control functionality
- Hydraulic braking behavior
- ECU-controlled braking modulation
- Real-time diagnostics and fault analysis

The system accurately replicates a working automotive ABS braking system in a safe and controlled educational environment, making it ideal for:

- Automotive engineering institutes
- Technical training centers
- Engineering colleges
- Service technician programs
- Automotive workshops

Mounted on a robust mobile aluminum frame, the AZA1245 provides full visibility and accessibility of all major ABS components for effective classroom demonstration and hands-on practical training.





## UNIVERSE TECHNICAL SPECIFICATIONS

| Parameter              | Specification                               |
|------------------------|---|
| Model                  | AZA1245                                     |
| System Type            | ABS Braking System Training Board Simulator |
| ABS System             | Fully Functional with Pressure Gauges       |
| Hydraulic Brake System | Original Automotive System                  |
| Power Supply           | 12V Battery or 220V / 12V Power Supply Unit |
| Diagnostic Support     | Automotive Oscilloscope & OBD Scan Tool     |
| OBD Interface          | 16-Pin Connector                            |
| Dimensions (L × W × H) | 1360 × 550 × 1800 mm                        |
| Weight                 | 60 kg                                       |

### Safety Features

- Low-voltage educational operation
- Stable hydraulic braking arrangement
- Safe fault simulation design
- Secure electrical test points
- Robust mobile frame structure