

ELECTRIC VEHICLE SIMULATOR

VR-AR Based Simulator

VOCATIONAL TRAINING SIMULATOR

SANLAB combines deep expertise in robotics and simulation with a customer-focused approach to deliver industry-leading vocational training simulators.

Electric Vehicle Simulator provides a realistic training environment powered by VR technologies, ensuring safe, hands-on practice for high-voltage systems. Trainees learn inspection, battery management, charging procedures, and repair operations through immersive scenarios that closely replicate real-world conditions without exposure to actual risks.

APPLICATIONS

- Automotive Service Centers
- Vocational & Technical Schools
- Automotive Manufacturers
- Safety & Training Centers
- Fleet Operators
- Universities & Research Labs

VR-AR BASED

- Immersive experience
- Easy setup
- Future-ready



ADVANTAGES

- Safe Training
- Risk-Free Environment
- Realistic Experience
- Hands-On Practice
- Cost Reduction
- All-Weather Training
- Repeatable Scenarios
- Performance Tracking
- Eco-Friendly
- Multi-Device Support

SCENARIOS

- Vehicle Locking / Unlocking
- Fuel Cell & Battery Charging Systems
- ADAS
- Automotive Electronics, Maintenance & Fault Detection
- Vehicle Diagnostics & Troubleshooting
- Electric Vehicle Assembly
- Asynchronous Motor Disassembly
- Asynchronous Motor Assembly
- DC Charging Station Assembly
- PM Motor Assembly
- Informative Scenarios

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SPECIFICATIONS

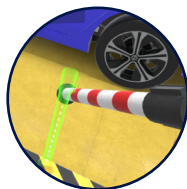
Display System	32" TV
Audio System	Surround stereo
Power Supply	220VAC
Minimum System Requirements	Intel(R) Core(TM) i7 - 16 GB Ram - 500 GB SSD NVidia GeForce RTX 3060 - Windows 11 Wireless Combo Keyboard Mouse

SOFTWARE

- Realistic 3D workshop and vehicle environments
- Training modules covering EV systems, batteries, sockets, and high-voltage safety
- Scenario-based learning with fault simulations
- Performance tracking and assessment system
- Multi-language support
- Remote monitoring and control for instructors
- Regular updates with new scenarios and vehicle types



Insulated Vehicles



Temporary Protections



Personal Protective Equipment (PPE)



Emergency Equipment

OPTIONS

- Additional scenarios
- Additional models

SERVICE & SUPPORT

Committed to customer satisfaction, we deliver tailored support solutions designed to meet your specific operational requirements.

