



CAN AND LIGHTNING SYSTEMS EDUCATIONAL TRAINER



A6 Product number **MSCAN03**

- Functional lighting, comfort, and ventilation systems.
- Real CAN communication network with open measurement points.
- Operational door modules with locking, window lift, and mirror controls.
- Automatic lighting functions with light and rain sensors.
- Integrated wiper, blower fan, and airflow flap control.

[Learn more!](#)



KEY FEATURES & BENEFITS

- Complete **CAN bus network** with **OEM connectors** and **open contacts** for diagnostics.
- **Full lighting system** with front and rear lamps, automatic light activation, and manual control.
- **Light and rain sensors** enabling automatic headlight behavior.
- **Steering column control switches** for indicators, hazard lights, and both wiper motors.
- **Functional heater fan system** with blower speed and airflow flap control.
- **Brake light** and **reverse light simulation** using dedicated buttons.
- **Fully operational doors** with central locking, window lift units, and mirror adjustment.
- **Mobile, modular frame** enabling fast transport, storage, and maintenance.
- All components visible for structure, connection, and operation analysis.



Watch trainer in video





Value for Students

- Learn real CAN communication structure and message behavior.
- Practice diagnostic tasks and signal tracing on open contact points.
- Observe operation of lighting, comfort, and ventilation control systems.
- Understand automatic lighting functions influenced by sensors.
- Gain skills in troubleshooting automotive electrical circuits.
- Work with genuine OEM components and connectors.

Value for Instructors

- Covers multiple subjects in one compact training stand—CAN bus, lighting, comfort, and ventilation systems.
- Simplifies demonstrations with open access to wiring, sensors, and actuators.
- Supports structured exercises in diagnostics, measurement, and control logic analysis.
- Ideal for group learning and step-by-step system demonstrations.





Specifications

- **Electrical System:** OEM-based CAN bus network.
- **Integrated Systems:** Lighting, ventilation fan, airflow flap control, wipers, door comfort systems, CAN communication.
- **Lighting Control:** Automatic/manual modes via light and rain sensors.
- **Controls:** Ignition key, OEM light switch, steering-column stalks, dedicated simulation buttons.
- **Connections:** OEM wiring connectors with labeled measurement points.
- **Power Supply:** 12 V DC.

Why Choose AutoEDU MSCAN03?

- Provides clear understanding of modern electrical and comfort systems.
- Safe and effective platform for electronics and diagnostics training.
- Compact, durable, and suitable for classrooms or workshops.
- Integrates easily into existing training programs.
- Delivered with technical documentation and guidance.



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