

Item No.: CO4205-1M

Course - Automotive 27: "Safe Handling of HV Systems"

The "Safe handling of high-voltage systems" training system focuses on occupational safety in the presence of high-voltage electric vehicles and safe handling of a charging station.

Includes

- Experiment card with experiment circuit in Euro format
- Interactive training course on CD-ROM with Labsoft browser, course software and additional virtual instruments
- Storage case
- Measuring accessories

Components on experiment card:

- Electronic circuit for demonstrating the intrinsic resistance of a human being
- Gloves for electrical safety
- Insulating mat
- Absolute earth potential
- Measuring sockets for measuring resistance between hands
- Measuring sockets for measuring resistance between hands and one foot
- Measuring sockets for measuring resistance between hands and both feet
- Measuring sockets for measuring resistance between hands and chest
- Measuring sockets for measuring resistance between chest and one foot
- Measuring sockets for measuring resistance between chest and both feet

Training contents

- Safety fundamentals for handling high-voltage electric vehicles
- Creating repair shop job orders
- Diagnostic functions
- Investigation by means of measurements
- Effects of practical faults (faults can be switched on or off)
- Course duration 7 hours approx.

Operating voltage:

- 30 V DC
- 12 V AC

Dimensions/weight:

- 100 x 170 mm (width x height)
- 0.8 kg

