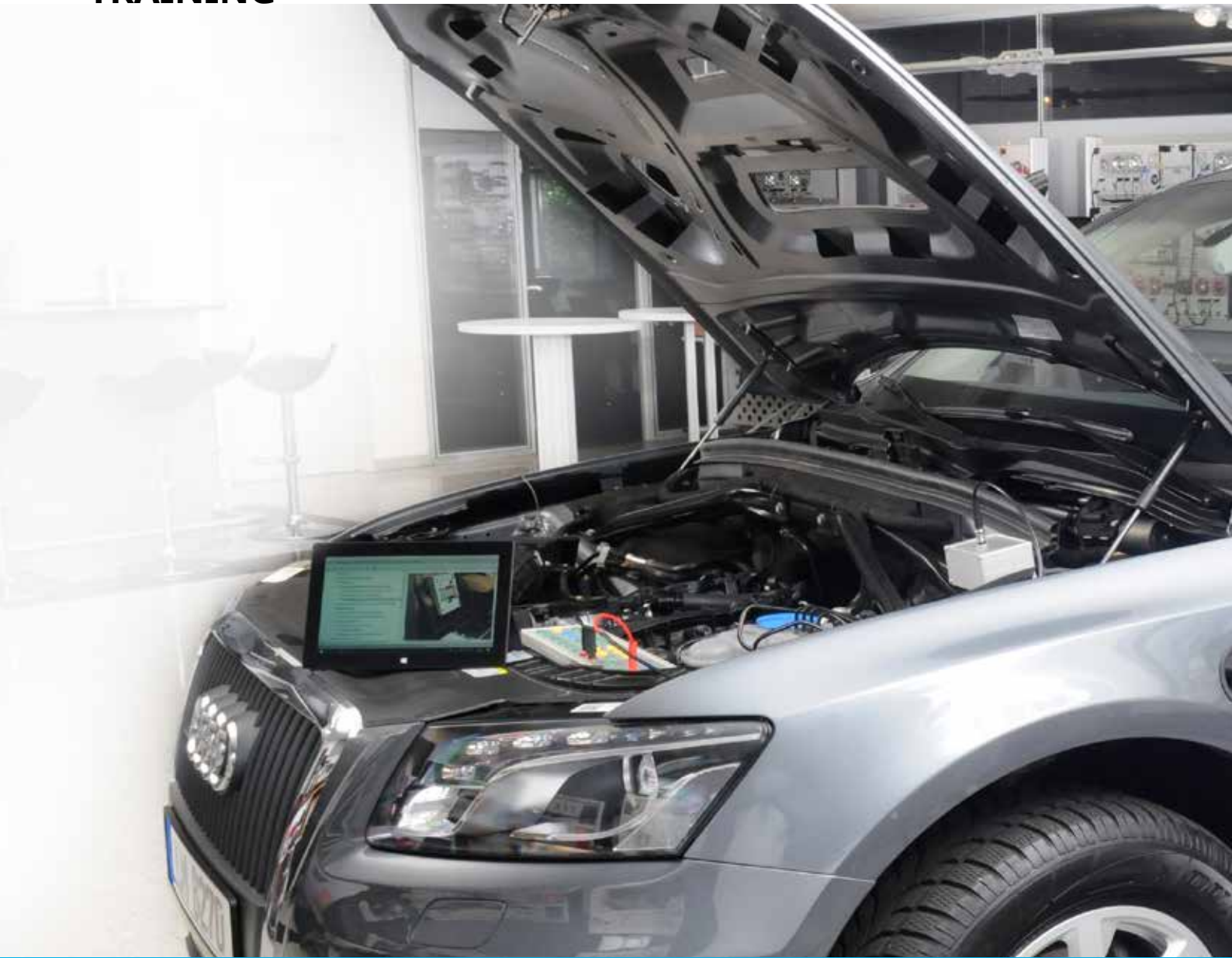


# **DIGITALLY INTEGRATED TRAINING VEHICLE**

**Digital innovation in automotive vocational training**

# DIAGNOSTICS ON THE TRAINING VEHICLE DESIGNED TO MEET THE DEMANDS OF CUTTING EDGE AUTOMOTIVE TRAINING



Select from six different vehicle models. In addition to the conventional petrol or diesel-powered vehicles, you can also decide on a vehicle with hybrid drive or even a fully electrically-powered vehicle.

Vehicle selection is undertaken according to strict quality guidelines. This is how we guarantee you a premium product with high cost efficiency.

## **Vehicle features**

- Certified premium motor vehicles
- Relatively new models
- Premium accessories
- Visually excellent condition
- Selection of power train
- European model

Suitable for all training areas



Tested and certified vehicle



Select from the following models:

**Conventional power train**

- Audi Q5 gas-powered (LM8293)
- Audi Q5 diesel-powered (LM8294)

**Hybrid drive train**

- VW Golf GTE (LM8296)
- Toyota Prius (LM8297)

**Electric drive train**

- VW e-Golf (LM8295)
- BMW i3 (LM8298)

All vehicles are especially adapted and modified for optimum deployment and use in a training setting. In addition to facilitating visualisation of all the most important systems inside a motor vehicle, the system also incorporates a variety of break-out boxes as well as 30 fault simulation switches. The original circuit diagrams are also included for each vehicle to allow for diagnostics work under real-life conditions.

Article no.: LM8293-98



# THE DIGITALISATION PACKAGE - DIGITAL DIAGNOSIS ON A REAL MOTOR VEHICLE



To exhaust the full potential of the training vehicle, we recommend installing the digitalisation package.

With this package a WiFi-capable measurement and diagnostics interface is installed into the vehicle, which permits fault simulation to be activated and for measurements to be uploaded to the learning platform from the vehicle.

The entire range of measuring instruments (4-channel oscilloscope, multimeter, clamp-on probes etc.) is already comfortably integrated and can easily be started and operated from the learning platform.

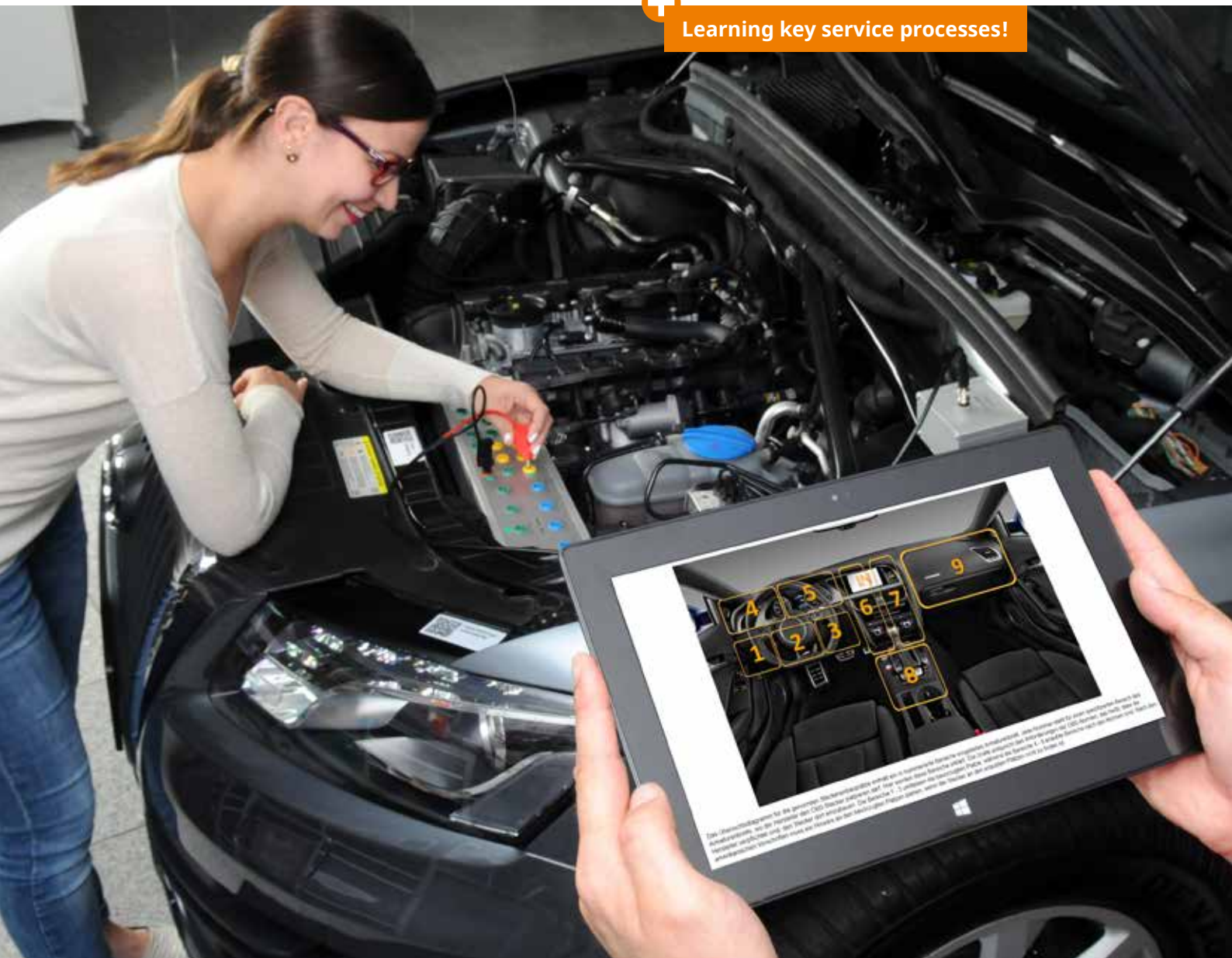
## Features

- Digitally integrated learning platform
- Interactive diagnostics course
- WiFi-capable measuring interface
- Including clamp-on probes
- WiFi-capable diagnostics interface
- OBD II break-out box

# INTERACTIVE COURSE FOCUSED ON “DIAGNOSTICS”



Learning key service processes!



The measurement expansion package permits multiple trainees to conduct measurements and perform diagnostics at the same time on just one vehicle thanks to the inclusion of the student measurement stations.

Using the signal interface inside the motor vehicle up to six different signals can be fed in which are then available at the student measurement stations. The number of student measurement stations can be extended as desired. This makes it possible to involve an entire group on just one motor vehicle.

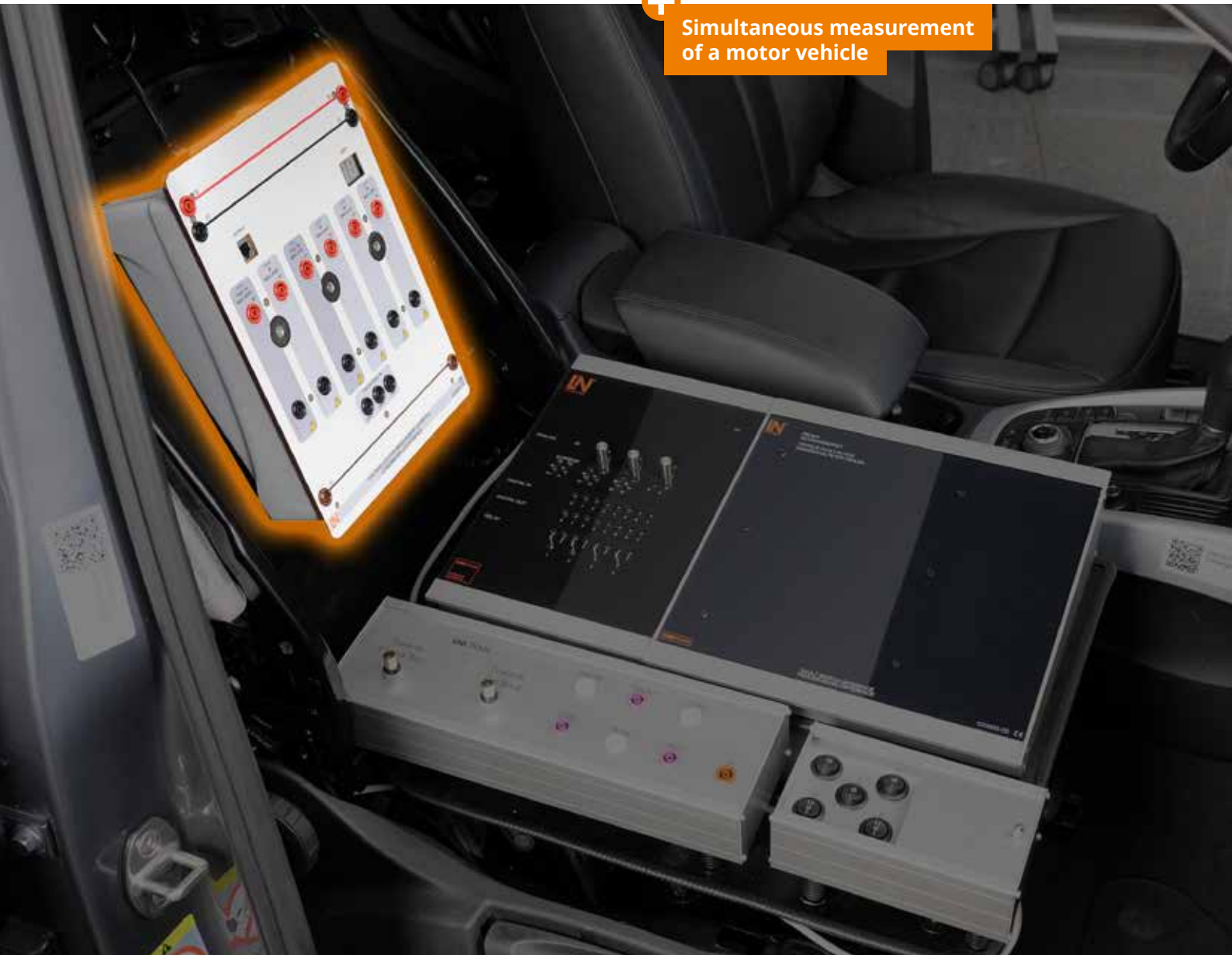
## Highlights

- Integrated fault simulation
- Integrated measuring instruments
- Compact explanations explore the theory
- Practical diagnostics including core service processes
- Training diagnostics skills and expertise
- Perform tests on actuators
- Perform full job order acceptance
- Evaluation and archiving of measurement results

# THE MEASUREMENT EXPANSION PACKAGE, ENABLING ANY NUMBER OF TRAINEES TO WORK IN PARALLEL



Simultaneous measurement of a motor vehicle



The measurement expansion package permits multiple trainees to conduct measurements and perform diagnostics at the same time on just one vehicle thanks to the inclusion of the student measurement stations.

Using the signal interface inside the motor vehicle up to six different signals can be fed in which are then available at the student measurement stations. The number of student measurement stations can be extended as desired. This makes it possible to involve an entire group on just one motor vehicle.

## Features

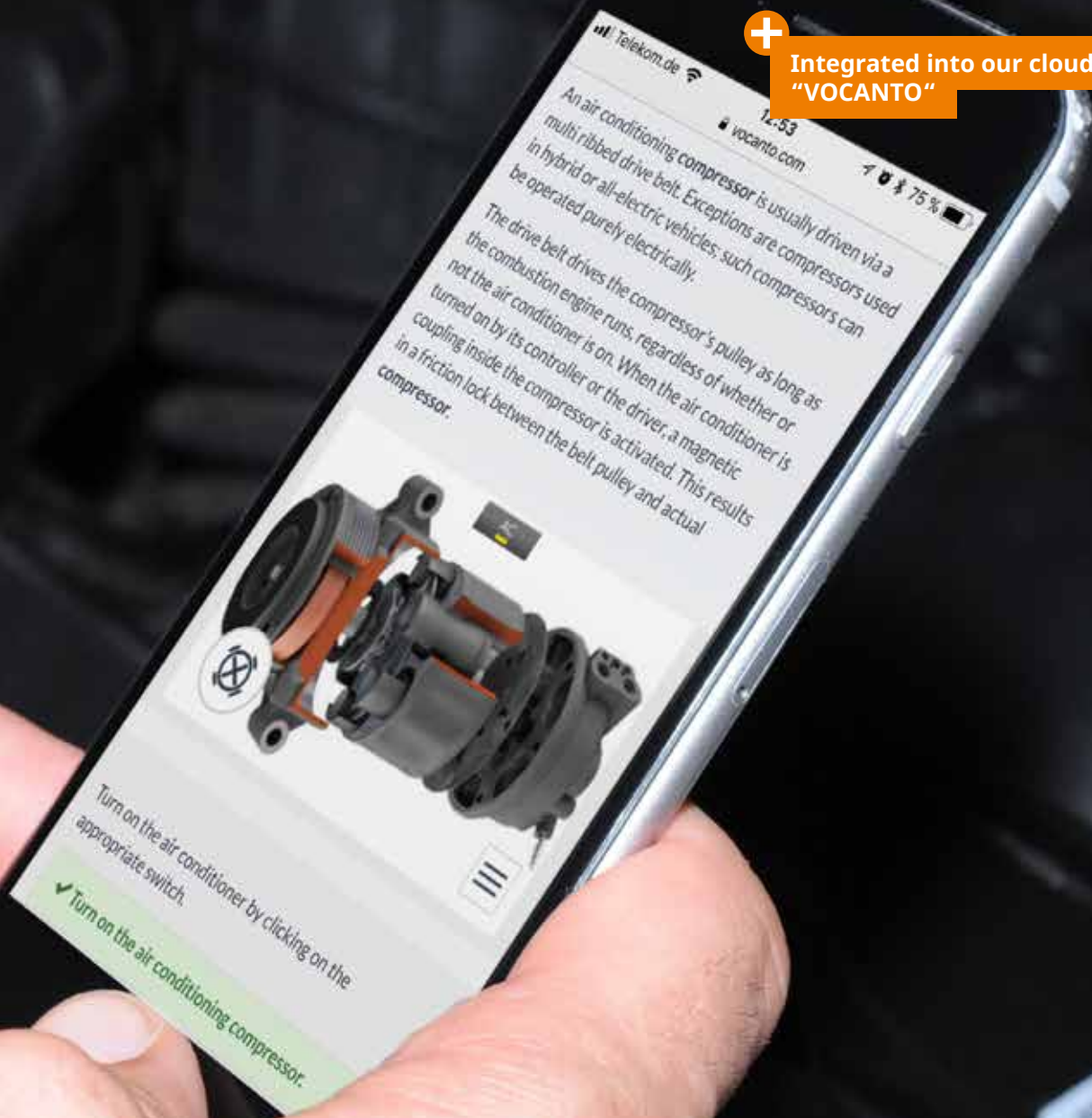
- Integrated signal interface
- Includes 6 external student measurement stations
- Parallel signal transmission
- Can be expanded as desired
- Can be combined with training platform
- Equipped with its own CAN interface



# VOCANTO® – INTERACTION: THE DIGITAL REVOLUTION IN AUTOMOTVE VOCATIONAL TRAINING



Integrated into our cloud learning platform "VOCANTO"



You find QR codes located at important locations throughout the vehicle. It is at these locations that you can use your table computer or smartphone to access our award-winning cloud learning platform "Vocanto".

This is where the animated training units and documentation for your training vehicle are waiting to interact with you.



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