

**Vehicle diagnosis**  
Fault simulation

LD Didactic offers a selection of study panels that can simulate errors for realistic troubleshooting. Special fault simulators are available for the fields of ignition and CAN bus. The universal vehicle fault simulator can be used for any signal line and, as a highlight, it can be activated or changed from the instructor's PC by means of a wireless remote connection. Individual addressing also allows multiple fault simulators to be remotely controlled in the classroom!



738 49

**Fault Simulator Automotive**

For the simulation of typical faults in the primary circuit of a breaker-triggered coil ignition system and their effects. In conjunction with the equipment set T 3.2.4.2, the following can be investigated:  
 -series connection R and C  
 -accidental ground capacitor  
 -voltage drop at the contact  
 -shorted ignition coil  
 The faults are switched on with two toggle switches located behind a lockable cover.



739 585

**Fault simulator CAN Bus**

Simulation of typical CAN data bus malfunctions. All 8 faults according to ISO and 3 additional faults can be activated:  
 • Interruption of CAN\_H / CAN\_L  
 • Connection to ground of CAN\_H/CAN\_L  
 • Connection to battery voltage of CAN\_H / CAN\_L  
 • Shortcircuit of CAN\_H and CAN\_L  
 • Missing/wrong termination resistance  
 • Mixed up data lines  
 Faults can be activated via individual switches, covered by a lockable door.



738 491S

**Automotive fault simulator, Starter**

Micro-computer-controlled universal fault simulator for all automotive equipment for the individual switching on of the faults:  
 \* interruption  
 \* contact resistance  
 \* class 30 contact  
 \* body contact  
 \* short circuit between two lines  
 for the signals looped through the front. The fault is programmed using buttons and LED indications which are located behind a lockable cover. In addition, on the back a 7-pole connection cable can be looped through, the contacts of which also allow connection to individual faults (interruption/contact resistance/short circuit). Using the enclosed radio adapter the fault-simulations identified in the laboratory can be remotely controlled via the enclosed software. In order to help with the preparation of lessons, all settings are retained after the device is switched off.

Delivery includes configuration software and the USB transmitter unit for the teacher PC.

500 593

**Fault simulation bridging plugs**

ten each 4-mm safety bridging plugs with 19 mm spacing, colour black, with 2 4-mm taps nonconducting



738 491

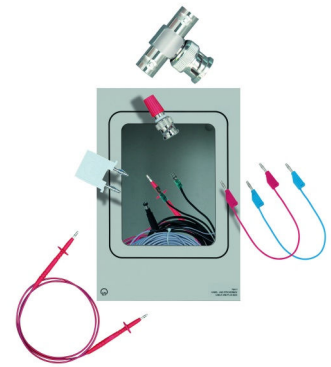
**Automotive fault simulator**

Like 738 491S but without CD-ROM and USB wireless-remote adapter (student workplace version)

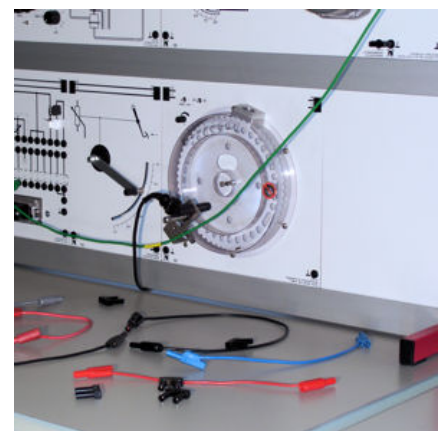
Order

Prüll un Gedöns om Desch ? – Fott domet!

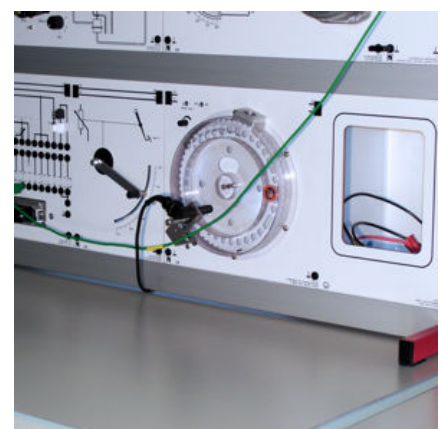
That is **Koelsch** the German dialect spoken in **Cologne** - a Rhineland variation closely tied to Lower Rhineland and Mosel/Frankish dialects – it roughly means: "Is there stuff laying about on the table? Get rid of it – keeping an orderly workplace is half the jo



Vorher...



... und nachher



738 01

Cable and plug box

Box that can be hung in a frame. The box itself is intended for stowing cables, jumpers and other accessories.