

## TESTER OF SIDE-SELECTIVE DOOR CONTROL SYSTEM

# SSDC01 TESTER

The SSDC01 tester is a modern servicing device designed for the operational testing of functions of the railway vehicle side-selective door control system (SSDC) as well as of LAT functions for Traction Units and passenger carriages.

### Device description

The tester sends and receives signals to and from the UIC line, whereby it controls the SSDC functions:

- in Locomotive Mode, it can simulate a locomotive, what allows for the testing of the functioning of the door control unit of a carriage or train of LAT-mode carriages.
- in Carriage mode, it can simulate a connected carriage or a train of carriages, what allows for the testing of the SSDC's or LAT's control signals, as well as the correctness of an UIC transit cable integrity test run from the locomotive.

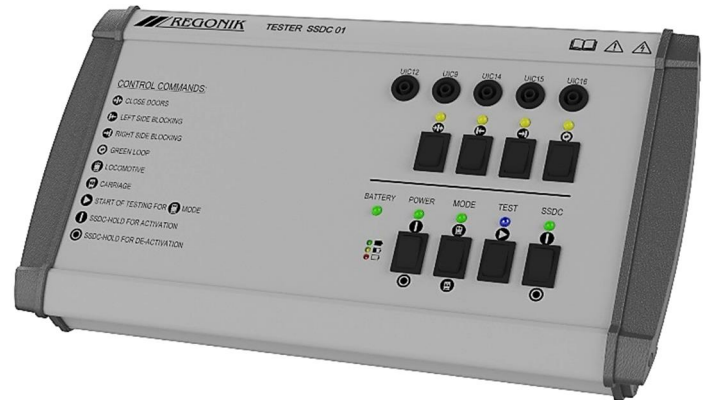
The tester can be operated for several hours on battery power, but it also works while being recharged from a charger connected to a 230V AC outlet or to the 24V DC on-board power supply.

The ergonomic placement of elements allows for controlling the device using only one hand.

### The Testing Functions and Features of the Tester:

- turning on/off the SSDC system
- locomotive/carriage simulation
- integrity testing of the UIC information line (LAT mode)
- central closing and blocking of doors
- unblocking boarding doors on the left/right side of the train
- boarding doors closed check (green loop)
- test of door blocking at zero speed Tb0
- test of door blocking according to TbS
- indication of existing signals in individual UIC cable wires
- measuring sockets for measuring voltage levels on UIC cable wires
- tester powered from an integrated rechargeable battery
- power-saving mode . automatic power down when inactive
- battery level and charging indication

With the **SSDC01 Tester** it is possible to run diagnoses of SSDC functions of one carriage or of an **entire train**, using just **one device**, operated by a single person.



### Technical parameters

- charging adapter AC 230V/50Hz
- maximum power 25 VA
- protection class IP30
- tester dimensions (w x d x h) 344 x 185 x 72 mm
- tester weight (without accessories) 2,3 kg
- case dimensions 464 x 366 x 176 mm
- total weight (case and accessories included) 5,5 kg

### Standard Accessories:

- plastic transport case (water-resistant, shock-resistant and dust-resistant).
- testing cable
- testing head with fork
- 230V AC charger

### Optional Accessories:

- 24V charging cable for on-board power supply
- testing head with socket
- 18-pole reduction socket-socket

**With the introduction of the SSDC01 Tester, you can significantly reduce the time required for testing the functions of a locomotive, carriage or train.**