



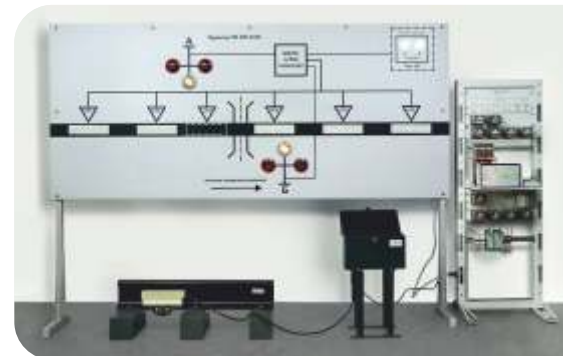
ULIS MAPS LABORATORY SET

ULIS MAPS is designed to study operation of MAPS Automatic Level-Crossing Control System. It is a mock-up of single-track guarded level-crossing equipped with white light signals.

The laboratory set consists of a rack with MAPS indoor equipment and a board with trackside units. ULIS MAPS board represents the layout of a single-level crossing of railway tracks and road. The trackside units, lamps of level-crossing signals, indicators of level-crossing status and data communication lines are schematically shown on the board. A counting post is installed on a track fragment for visual demonstration of MAPS trackside equipment. Wheel imitator is used to simulate passing of a train over counting posts at level-crossing.

ULIS MAPS demonstrates:

- control principles of vacancy/occupancy of approaching and departure section;
- MAPS configuration tools;
- indication and control tools in normal operation mode;
- indication and diagnostic tools in case of malfunction.



ULIS MAPS