

Item No.: CO4204-4K

Course - Electrical engineering 7: Electromagnetic compatibility (EMC)

Includes:

- 1 Experiment card with parallel tracks for studying galvanic, inductive and capacitive coupling effects, with measuring amplifier
- CD-ROM with LabSoft browser and course software

Course contents:

- Familiarisation with terminology for electromagnetic compatibility, EMC
- Electromagnetic coupling effects
- Natural and man-made sources of interference
- Key European standards and guidelines for EMC
- Measurement of galvanic coupling between two parallel tracks
- Measurement of capacitive coupling between two parallel tracks
- Measurement of inductive coupling between two parallel tracks
- Ways of improving the EMC characteristics of a circuit
- Ways of improving the resistance to interference of a circuit
- Course duration: 4 h approx.