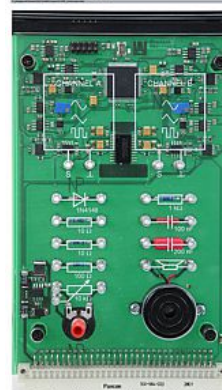
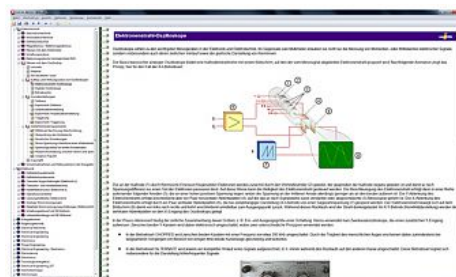


Item No.: SO4204-4L

Course - Electrical engineering 8: Measurements using an oscilloscope

Includes:

- 1 experiment card with phase-coupled dual-channel signal generator, speaker and components for oscilloscope measurements
- Virtual digital 2-channel storage oscilloscope
- CD-ROM with Labsoft browser and course software



Course contents:

- Design and function of oscilloscopes
- Oscilloscope controls
- Oscilloscope operating modes
- Measuring AC and DC voltages with an oscilloscope
- Matching measuring ranges
- Using different trigger functions (rising / falling edge, single, continuous) for measurements
- Performing measurements in x/t and x/y mode
- Recording component characteristics with an oscilloscope
- Measuring Lissajous figures with an oscilloscope
- Component characterization with an oscilloscope
- Duration of course: 3 hours approx.