

Item No.: SO4204-7Y

Course - Single- and Three-phase transformers

Includes:

- 1 Experiment card with three-phase transformer, with 12 windings and tapings for study of single phase and three phase transformers and transformer circuits, three-phase load, usable for star and delta connection
- CD-ROM with Labsoft and course

Course contents:

- Principles of transformers
- Study of load characterists of single phase transformers, for one quadrant and four quadrant operation
- Measurement of current and voltage under load / no-load conditions
- Study of the transformation ratio
- Equivalent circuit diagram
- Study of three-phase transformers
- Study of various three-phase transformer circuits and their effects on load / no-load operation
- Study of various circuits with unbalanced load
- Determination of short circuit voltage
- Duration approx. 3 h

