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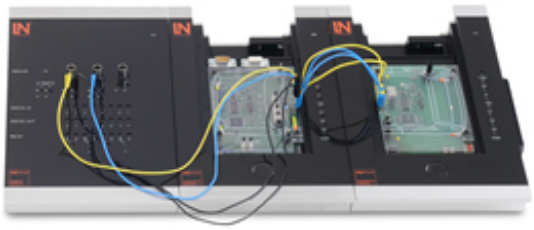
UniTrain®

UniTrain is a multimedia e-learning system with integrated, mobile electronics lab for general education and advanced training in electrical engineering and electronics.

UniTrain System



UniTrain System

- Computer-based training and experimentation system for vocational and further training and education
- Multimedia combines cognitive and hands-on (haptic) training units into a comprehensive unified concept
- Areas of basic and advanced electrical engineering, electronics and automotive technology
- Enabling students to acquire skills in the handling of equipment
- Wide range of multimedia courses available for study in school or in professional and advanced training
- Self-contained and usable anywhere at any time
- Multimedia learning environment with high degrees of motivation
- Maximum learning effectiveness in laboratories, at work or at home
- Guarantor for effective and efficient study
- Instruments with virtual display together with experiment hardware
- LabSoft, an open experiment delivery platform
- Courses teach the theoretical building blocks and provide experiments
- Intelligent measurement interface supplies analog and digital measuring and control I/O
- High quality item of laboratory equipment with virtual instruments
- Students' progress monitored and electronically documented on the basis of fault finding experiments
- Faults simulated by the hardware as well as tests of knowledge

Basic equipment set UniTrain system, consisting of:

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The following courses require no Experimenter:

SO4204-3A, -3C, -4M, -4N, -5V, -6M, -6N, -6W, -6X, -6Y, -7C, -7F, -7X, -8H, -8U, -8V, -8Y

The following courses require one Experimenter:

All courses for topics in electronics, digital technology, electrical machines (not -7X), mechatronics (IMS) and process technology (IPA) plus courses SO4204-3B, -4A, -4B, 4C, -4D, -4F, -4K, -4L, -4P, -6H, -7A, -7B, -7H, -7J, -7Q, -8T, -9A, -9B, -9D, -9K, -9T, -9U, -9V, -9X, -9Y and CO4205-1H, -1J, -1K, -1L, -1M.

The following courses require two Experimenters:

All courses for topics in instrumentation technology, control technology (not -8H) plus courses SO4204-3P, -4H, -6J,-6Z, -7D, -7E, -7G, -7K, -7M, -7N, -9E, -9F, -9L, -9M, -9Q, -9R and -9S.

The following courses require three Experimenters:

SO4204-6V, -7P, -8N, -9J and 9N

When using digital multimeter LM2330 an additional Experimenter is recommended for use as a docking station using an IrDa interface.

Pos.	Product name	Bestell-Nr.	Anz.
1	**UniTrain Interface with virtual instruments (basic VI)**	CO4203-2A	1
2	**UniTrain Experimenter**	CO4203-2B	2
3	**UniTrain-I measurement accessories, shunts and connection cables**	SO4203-2J	1

Additionally recommended

Pos.	Product name	Bestell-Nr.	Anz.
4	**Multi13S digital multimeter**	LM2330	1
5	**UniTrain storage case for one system**	CO4203-2Y	1