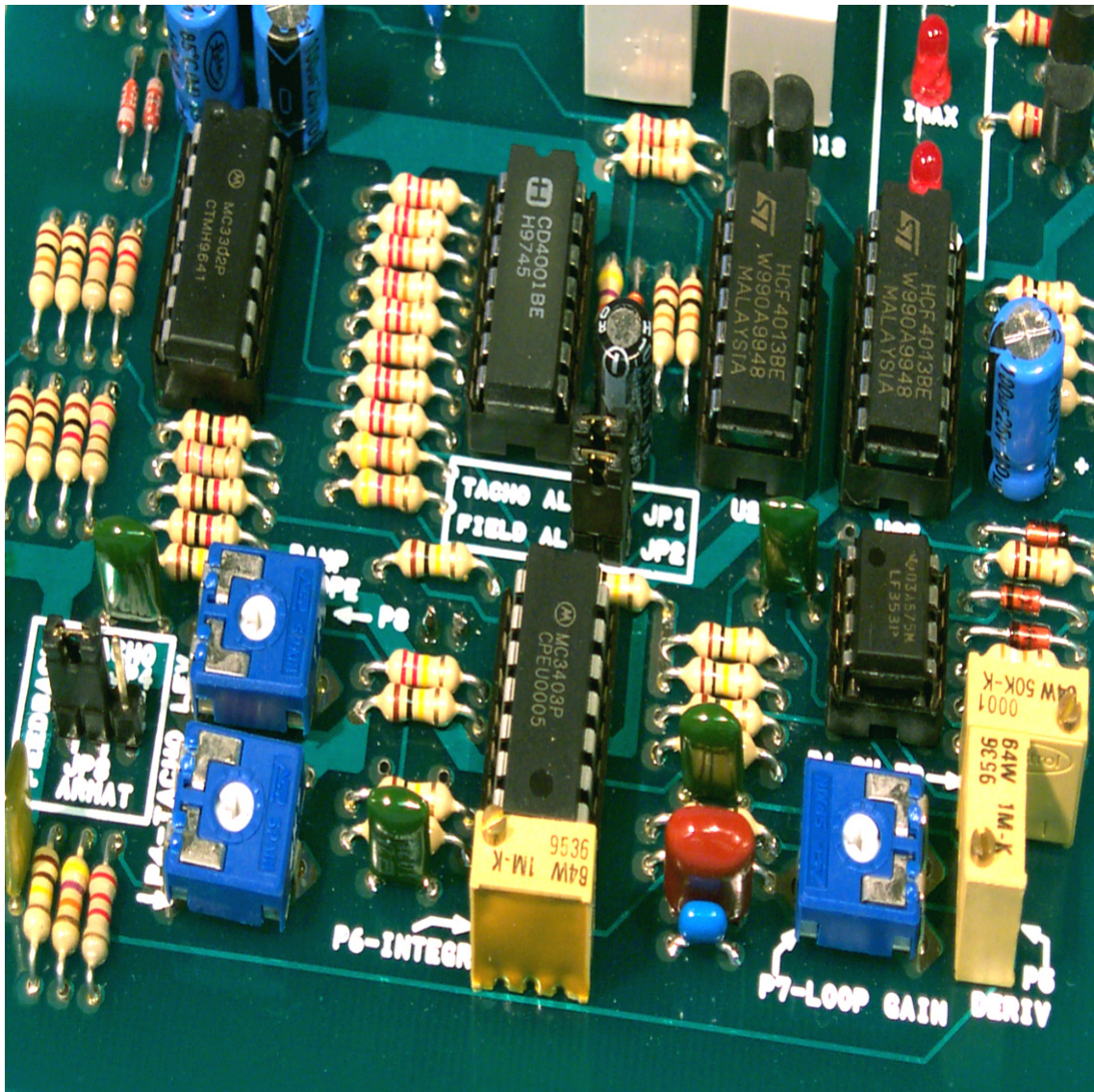


Electron S.R.L.

Design
Production &
Trading of
Educational
Equipment

B36 – MODULAR TRAINING SYSTEM FOR THE STUDY OF POWER & CONTROLS



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Including the following sections:

POWER ELECTRONICS TRAINER

This trainer covers the subjects of power conversion from the fundamentals to the most advanced techniques, in a comprehensive manner. The modularity of the trainer allows it to be used in courses on Industrial Electronic at all levels.

INDUSTRIAL ELECTRONICS TRAINER

The trainer is conceived to present a review of the characteristics and use of important industrial devices for power handling/conversion, up to application examples of special interest in comprehensive manner. The trainer consists of a single, large sized module with a PCB face. The front face includes the components and devices needed to perform the experiments, with clear silkprint indicating the component symbols, identities and interconnections.

MOTOR SPEED CONTROLS

Motor speed controls: eleven different drivers are available, each based on a different technique (SCR bridge half-controlled and full-controlled, PWM transistor bridge, TRIAC and sine-wave PWM) for driving AC, DC, Stepper and DC Brushless motors.

SERVO SYSTEMS TRAINER

This consists of an analogue and a digital servo-system, based on advanced and up to date means for the experimentation and study of DC servo control techniques. Investigation of position, speed and speed and position is possible.

Here the units of this training system are listed. Click on LEAFLETS to open the Catalogue

B3600	POWER ELECTRONICS TRAINER	LEAFLETS
B3600-B	POWER ELECTRONICS TRAINER	
B3601-C	INDUSTRIAL ELECTRONICS TRAINER	LEAFLETS
B3607	DC MOTOR CONTROL WITH THYRISTORS	LEAFLETS
B3608	MOTOR CONTROL WITH THYRISTOR-DIODE BRIDGE (1-PHASE)	
B3609	MOTOR CONTROL WITH THYRISTOR BRIDGE (3-PHASE)	
B3610	DC MOTOR CONTROL TRAINER (PWM)	
B3610G	DC MOTOR CONTROL TRAINER (PWM)	
B3611G	TACHO GENERATOR AND BRAKING UNIT FOR THE B3610G	
B3615	PC INTERFACE FOR DC DRIVES	
B3620G	SINE-WAVE, PWM AC MOTOR CONTROL TRAINER (400W)	
B3620H	SINGLE PHASE SINE-WAVE, PWM AC MOTOR CONTROL TRAINER (2.2 KW)	
B3620I	THREE PHASE SINE-WAVE, PWM AC MOTOR CONTROL TRAINER (3.7 KW)	
B3626	STEPPER MOTOR TRAINER	
B3628	DC BRUSHLESS MOTOR TRAINER	
B3630	WARD-LEONARD TRAINING SYSTEM	
B3650	DC MOTOR CONTROL TECHNOLOGY TRAINER	
B3660	ANALOG SERVO SYSTEMS TRAINER	LEAFLETS
B3665	DIGITAL SERVO SYSTEMS TRAINER	