



CONTROL & POWER ELECTRONICS

B35 - B36

This laboratory includes various modules to experiment circuits and principles commonly recurrent in the field of power electronics, transducers and controls.

It is organized in a modular form and consists of a set of experiment boards with a common power supply.

Also included are actuators and interface with software for connecting the modules to a PC. Each module is provided with a user manual that explains its characteristics and use.



Equipment List

LAB N°	Item N°	TITLE	CODE	Total Qty	Stud WS 1	Stud WS 2	Stud WS 3	Stud WS 4	Stud WS 5	Stud WS 6	Stud WS 7	Stud WS 8	Teach WS	LAB
8		CONTROL & POWER ELECTRONICS LABORATORY												
		For 16 to 32 students working at the same time. See complete catalogue to see product description and other details.												
		TRANSDUCCERS AND CONTROLS ELECTRONICS												
8		TRANSDUCCERS AND CONTROLS BASIC												
		C35B												
8	1	1 TEMPERATURE CONTROL TRAINER	B3510A C3510A	4	1	1			1	1				
8	1	2 LIGHT CONTROL TRAINER	B3510C C3510C	4	1	1			1	1				
8	1	3 SPEED CONTROL TRAINER	B3510G C3510G	4	1	1			1	1				
8	1	4 SOUND AND VIBRATION TRANSDUCCERS TRAINER	B3510H C3510H	4	1	1			1	1				
8	1	5 POSITION CONTROL TRAINER	B3510J C3510J	4	1	1			1	1				
8	1	6 ON/OFF SENSORS AND ACTUATORS TRAINER	B3510L C3510L	4			1	1			1	1		
8	1	7 AIR FLOW MEASUREMENTS TRAINER	B3510M C3510M	4			1	1			1	1		
8	1	8 DIFFERENTIAL PRESSURE TRANSDUCCERS TRAINER	B3510N C3510N	4			1	1			1	1		
8	1	9 ROTATIONAL POSITION ENCODERS TRAINER	B3510P C3510P	4			1	1			1	1		
8	1	10 FLUID LEVEL TRANSDUCCERS TRAINER	B3510U C3510U	4			1	1			1	1		
8	1	11 AC DC POWER SUPPLY	C12 PS	8	1	1	1	1	1	1	1	1	1	
8		PROCESS CONTROL TRAINER												
		B3510D C3510D												
8	2	1 PROCESS SIMULATOR	B3510D C3510D	4	1	1			1	1				
		B3510E C3510E												
8	2	2 PROCESS CONTROLLER TRAINER	B3510E C3510E	4	1	1			1	1				
		FS1E												
8	3	3 FAULT PROGRAMMER	FS1E	1										1
		C12 PS												
8	3	4 AC DC POWER SUPPLY	C12 PS	8	1	1	1	1	1	1	1	1	1	
8		TRANSDUCCERS AND CONTROLS (EXPANSION)												
		C35U												
8	3	1 R.L.C. MEASUREMENTS TRAINER	B3510B	2	1				1					
		B3510F C3510F												
8	3	2 STRAIN GAUGE TRAINER	B3510F C3510F	2	1				1					
		B3510I												
8	3	3 ULTRASONIC TRANSDUCCERS TRAINER	B3510I	2		1				1				
		B3510K												
8	3	4 VARIABLE CAPACITANCE TRANSDUCCERS (LVCT) TRAINER	B3510K	2		1				1				
		B3510Q												
8	3	5 LINEAR VARIABLE DIFFERENTIAL TRANSFORMER TRAINER	B3510Q	2			1				1			
		B3510S												
8	3	6 AC MOTOR CONTROL TRAINER	B3510S	4			1	1			1	1		
		B3510T C3510T												
8	3	7 STEPPER MOTOR CONTROL TRAINER	B3510T C3510T	4			1	1			1	1		
8		POWER & CONTROLS ELECTRONICS												
		B36B												
8		POWER ELECTRONICS (BASIC)												
		C3600												
8	4	1 POWER ELECTRONICS TRAINER	C3600	2	1				1					
		C3601												
8	4	2 INDUSTRIAL ELECTRONICS TRAINER	C3601	4		1	1			1	1			
		C3607												
8	4	3 DC MOTOR CONTROL WITH THYRISTORS	C3607	2				1				1		
		C3620 GS												
8	4	4 AC MOTOR CONTROL TRAINER (PWM)	C3620 GS	2				1				1		
		B3650												
8	4	5 DC MOTOR CONTROL TECHNOLOGY TRAINER	B3650	2	1				1					
		A4220SL												
8	4	6 SQUIRREL CAGE MOTOR	A4220SL	2	1				1					
		A4240SL												
8	4	7 DC COMPOUND EXCITATION MOTOR-GENERATOR	A4240SL	2	1				1					
		A4430S												
8	4	8 BRAKE GENERATOR	A4430S	2	1				1					
		A4430RS												
8	4	9 VARIABLE LOAD FOR BRAKE GENERATOR	A4430RS	2	1				1					
		A4880												
8	4	10 TACHO GENERATOR	A4880	2	1				1					
8		POWER & CONTROLS ELECTRONICS EXPANSION												
		B36U												
8		DC MOTOR CONTROL TRAINER (PWM)												
		B3610G												
8	5	1 DC MOTOR CONTROL TRAINER (PWM)	B3610G	2	1				1					
		B3611												
8	5	2 TACHO GENERATOR / BRAKING UNIT	B3611	2		1				1				
		C3615												
8	5	3 PC INTERFACE FOR DC MOTOR CONTROLLERS	C3615	2		1				1				
		B3626												
8	5	4 STEPPER MOTOR TRAINER	B3626	2			1				1			
		B3628												
8	5	5 BRUSHLESS DC MOTOR TRAINER	B3628	2			1				1			
		B3660												
8	5	6 ANALOG SERVO SYSTEM TRAINER	B3660	2				1				1		
		B3665												
8	5	7 DIGITAL SERVO SYSTEM TRAINER	B3665	2				1				1		
FM		FURNITURE, METERS, POWER SUPPLIES & ACCESSORIES												
		FURNITURE												
FM		F1110A												
FM	1	1 WORK TABLE	F1110A	8	1	1	1	1	1	1	1	1	1	
		F11 4146												
FM	1	2 MOBILE LOWER CABINET	F11 4146	8	1	1	1	1	1	1	1	1	1	
		F11 1718												
FM	1	3 STUDENT STOOL	F11 1718	24	3	3	3	3	3	3	3	3	3	
		F11 2126												
FM	1	4 TEACHER'S DESK	F11 2126	1										1
		F11 5000												
FM	1	5 TEACHER'S CHAIR	F11 5000	1										1
		F11 3310												
FM	1	6 CABINET FOR TOOLS & INSTRUMENTS	F11 3310	4										4
		F1151 R1												
FM	1	7 TROLLEY	F1151 R1	4										4
FM		MEASURING INSTRUMENTS & POWER SUPPLIES												
		AM 7080												
FM	2	1 ANALOGUE MULTIMETER	AM 7080	4										4
		DM Y68												
FM	2	2 DIGITAL MULTIMETER	DM Y68	4										4
		AO HZ4318												
FM	2	6 DUAL TRACE OSCILLOSCOPE	AO HZ4318	2										2