



DESCRIPTION

The CL-61, Basic Electrical Circuits, comes with a power supply and an assortment of switches and lighting loads mounted on Moduponents® -- clear plastic plates. Designed to teach basic switching circuits used in residential and industrial area. Complete with a lab manual. Storage cabinet equipped with a locking device and a handle. The experiments deal with the following subjects:

- Power supply
- Sockets
- All kind of switches
- Conductors

SPECIFICATIONS

DESCRIPTION	CL-61-00	CL-61-50
Power supply:	120V AC, 1 PH	220V AC, 1 PH
Frequency:	60 Hz	50 Hz
Weight:	23 kg (50.5 lbs)	
Cabinet dimensions:	53 x 47 x 31 cm (21 1/2 x 18 7/8 x 12 3/8 in)	
Product number:	50003	50331

BASIC EQUIPMENT FOR THE CL-61

The CL-61 trainer includes the following components:

DESCRIPTION	QTY	CL-61-00 (60 Hz)	CL-61-50 (50 Hz)
Power supply	1	120V/24-12V	220V/24-12V
Lamp holders	6	Medium size, ceramic	
Wall switch	3	SPST	
Wall switch	2	DPST	
Wall switch	2	3-way	
Wall switch	1	4-way	
Knife switch	3	SPST	
Knife switch	2	DPST	

DESCRIPTION	QTY	CL-61-00 (60 Hz)	CL-61-50 (50 Hz)
Knife switch	2	TPST	
Knife switch	2	SPDT	
Knife switch	2	DPDT	
Knife switch	2	TPDT	
Remote cable assembly			
Patch cords	1	CL-1012	
Student's manual	1	CL-61-95-00	CL-61-95-50
Instructor's manual	1	CL-61-96-00	CL-61-96-50

COATING SPECIFICATIONS

Type

Blue thermalkyd thermosetting enamel

Features

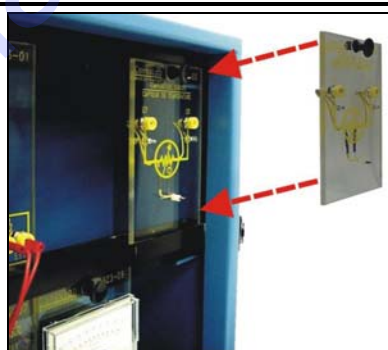
Thermalkyd enamel, when baked completely, produces a strong, resistant finish. The following physical tests, to say flexibility, impact resistance, abrasive resistance, adherence and hardness, are extremely satisfying when applied to properly prepared metal. Thermalkyd enamel has a good resistance to water, detergents, gasoline, salt, humidity and sunlight.

Properties

Resistance to water:	Intact after 18 hours.
Resistance to gasoline:	Intact after 4 hours.
Resistance to salt:	Less than 0.15 cm (1/16 in) deterioration by corrosion and no cracking after 150 hours.
Resistance to humidity:	No cracking and no color change after 500 hours.
Flexibility:	No cracking on a 0.30 cm (1/8 in) conical mandrel.
Adherence:	Crosshatch test; adherence is same.
Impact:	31 cm/kg (30 in/lbs) no cracking on direct or indirect impact.
Hardness:	HB-F pencil.
Metal temperature:	10 minutes at 150 °C (300 °F).



LEFT PANEL



MODUPOONENT®



RIGHT PANEL

Consulab Éducatech Inc.

5100, rue des Tournelles, Suite 500

Québec, QC CANADA G2J 1E4

Phone: 418-688-9067/ 800-567-0791 Fax: 418-688-9526

Email: info@consulab.com Internet : <http://www.consulab.com>

© 2008 Consulab Éducatech, Inc.