

**AUTOMOTIVE ELECTRONIC
SYSTEMS BASICS****MAIN FEATURES**

- Specially designed and built to teach fundamentals of electronics as applied to transportation technology;
- Experiments on rheostats, TRIAC, SRC, transistors, etc.;
- Easy storage;
- Piggy back cords provide safety;
- Components mounted on Moduponents®;
- AC/DC power supply available;
- Complementary to CL-1920; and,
- CSA/UL safety-approved.

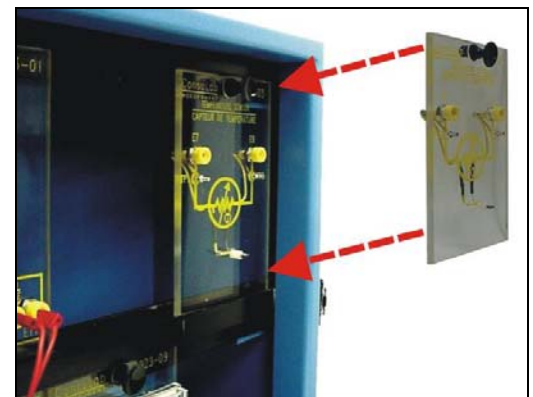
**DESCRIPTION**

The automotive electronic system basics trainer is designed to teach fundamentals of electronics as applied to transportation technology. The experiments deal with electronic circuits and components used in various automotive electronic systems. All the equipment needed to conduct the experiments is stored in a practical steel cabinet. The components used for experiments such as potentiometers, TRIAC, SRC, transistors, etc., are laid out on experiment boards called Moduponents® and can be rapidly fitted into the mounting board according to the layout required for an upcoming experiment. The Moduponents® are interconnected by means of piggy back cords.

The CL-1921 comes with:

- One (1) set of five (5) Moduponents®
- Experiment manual
- One (1) set of patch cords
- One (1) power supply

Dimensions: 12"x10¼"x12½"
Weight: 4.5kg
10lbs (approx.)

**MODUPONENT®**

LIST OF MODUPONENTS® AND ACCESSORIES

MODEL	QTY	DESCRIPTION
CL-1921-01	1	Optocoupler
CL-1921-03	1	Thermistor, photoelectric cell, photodiode and phototransistor
CL-1921-04	1	Set of two (2) PNP transistors and two (2) NPN transistors NPN, socket mounted
CL-1921-05	1	Potentiometer (25 k Ω ; 2.5 W)
CL-1921-06	1	Triac (400 V; 8 A) et S.C.R.
CL-1011-05	1	Full size mounting and storage cabinet
CL-1921-95	1	Lab manual
CL-1921-96	1	Answer book

LIST OF OPTIONAL MODUPONENTS®

MODEL	QTY	DESCRIPTION
CL-830-08	1	Diac, triac, thermistor and photoconductive cell
CL-830-10-01	1	Set of four (4) NPN transistors