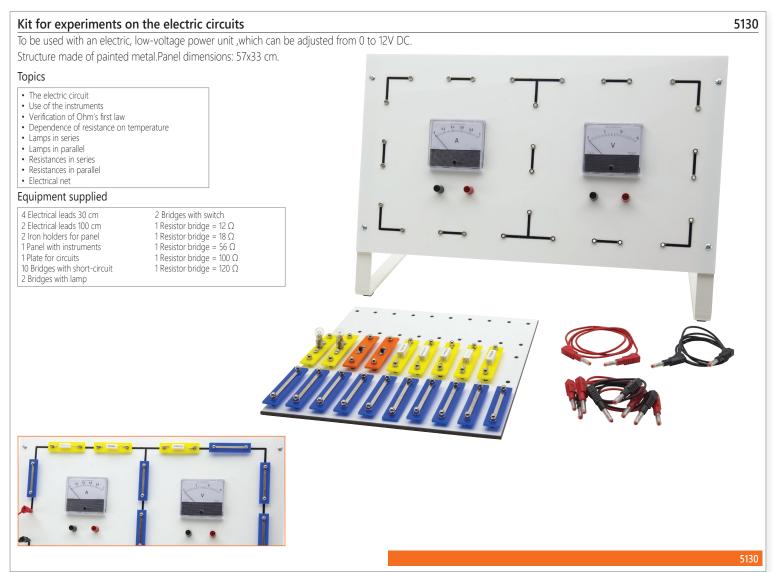






Electrical conduction - **PHYSICS**

o be used with code 5010. Dimensions: 103x54x30 mm.	5009	Silica diode on base	Dimensions: 103x54x30 mm. 5056 5146 Dimensions: 103x54x30mm.
Dimensions: 103x54x30 mm.		Silica diode on base	5146 Dimensions: 103x54x30mm.
Dimensions: 103x54x30 mm.	5008	Silica diode on base	Dimensions: 103x54x30mm.
Dimensions: 103x54x30 mm.		G (5)	
		+	lt can straighten up a half-wave.
	5008		5146
N	5136	Thermistor NTC on base	5144 Dimensions: 103x54x30 mm.
Jimensions: 103x54x30 mm.	5136		Its resistance varies with a negative temperature.
	5132	Thermistor PTC on base	5389
Dimensions: 103x54x30 mm.	5132		Dimensions: 103x54x30 mm. It's resistance with a positive temperature. 5389
	5137	Photoresistor on base	5133
Dimensions: 103x54x30 mm.	5137		Dimensions: 103x54x30 mm. It varies its resistance as a function of the light received. 5133
	5157		5098
	ntan string wi	re, Ø 0,4 mm; 1 Bridge; 1 Base.	*
			5098
(see above) in order to test	8504	Set of 4 metal wires 10 m Composed of: Nichel 1,376 Ω/m Ø 0,3 mm Constantan 3,918 Ω/m Ø 0,4 mm	Nichel-Cromo 15,63 Ω/m Ø 0,3 mm Kanthal 19,45 Ω/m Ø 0,3 mm
	8504		8503
	Dimensions: 103x54x30 mm.	5136 5132 Dimensions: 103x54x30 mm. 5137 Dimensions: 1000 x 100 mm. nium wire, Ø 0,3 mm; 1 Constantan string wire August 1 August 1 <t< td=""><td>5136 5132 Dimensions: 103x54x30 mm. 5137 5137 Dimensions: 103x54x30 mm. 5137 Dimensions: 1000 x 100 mm. nst: 1000 x 100 mm. titum wire, Ø 0,3 mm; 1 Constantan string wire, Ø 0,4 mm; 1 Bridge; 1 Base. State <td< td=""></td<></td></t<>	5136 5132 Dimensions: 103x54x30 mm. 5137 5137 Dimensions: 103x54x30 mm. 5137 Dimensions: 1000 x 100 mm. nst: 1000 x 100 mm. titum wire, Ø 0,3 mm; 1 Constantan string wire, Ø 0,4 mm; 1 Bridge; 1 Base. State State <td< td=""></td<>



Graetz's bridge

The item is mounted on base 100x100 mm. It can strighten up two half-waves, visualizing the conduction state of the diode through the use of LED.



With six decade boxes. Percentual mistake 0,1%. Plastic case. Measurement range: from 0 to 1.111.110 Ω with 1 Ω step.

5270

Resistances box

5233

5233

Linear didactic rheostats

For voltages up to 24 V.	
Resistance 10 Ω Max current 2 A	5218
Resistance 50 Ω Max current 1,5 A	5219
Resistance 200 Ω Max current 1,5 A	5220



Board for simple electric circuits

5712

5712

5333

This apparatus enables you to create connections in series and parallel between different electrical dipole, such as light bulbs, resistors, condensers, leds, etc. simply through the use of spring connectors. It includes a small space to store all different components and a battery-holder to insert two AA type batteries.





Support for mounting boards

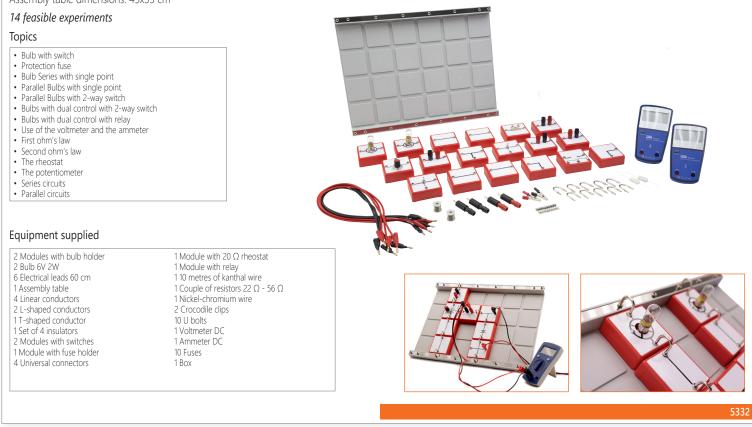
For a better view of the circuits assembled on the table. It should be used with codes 5332 and 5334.



5332

Modular kit to study electric circuits

This modular kit enables the performance of many experiments on electrical conduction, reducing to a minimum, the use of connecting cables. In this way, besides simplifying the operating production of circuits, their layouts are highlighted. We suggest our power supply code 4991, not supplied with this apparatus. Assembly table dimensions: 45x33 cm



Modular kit for the study of basic electronics

5334

This modular kit allows the performance of several experiments on electronical principles: from reactive components to semiconductors. The main advantage lies in the minimum use of the connecting cables. In this way, besides simplifying the operative production of circuits, their schemes are highlighted. The function generator (code 5718) required to perform the experiments with alternating current must be purchased separately.

Assembly table dimensions: 45x33 cm.

18 feasible experiments

Topics

1 Box

Equipment supplied		2 2 3	
 The condenser with direct current Effective voltage and current The condenser with alternating current The capacitive reactance The inductive reactance The RCL circuit 	 Low-pass filter High-pass filter Conductivity in metals and semiconductors P-N junction: the diode The half-wave rectifier The double half-wave rectifier 	 The filtered rectifier The transistor The transistor as interrupter The transistor as amplifier The photoresistor The thermistor 	

1 Module with bulb holder 1 Bulb 6V 2W
6 Electrical leads 60 cm
1 Mounting boards
5 Linear conductors
1 L-shaped conductor
2 T-shaped conductors
1 Module with deflector
6 Universal connectors
1 Set of 5 different condensers
1 Set of 5 different resistances
1 Module with potentiometer 2 KΩ 2 A
4 Modules with silicon diodes
1 Module with transistor
2 Universal digital Multimeter
1 Cross conductor
16 U bolts
1 Battery holder
1 Module with inductor
1 Photoresistor
1 NTC 47 Ω - 50 Ω

