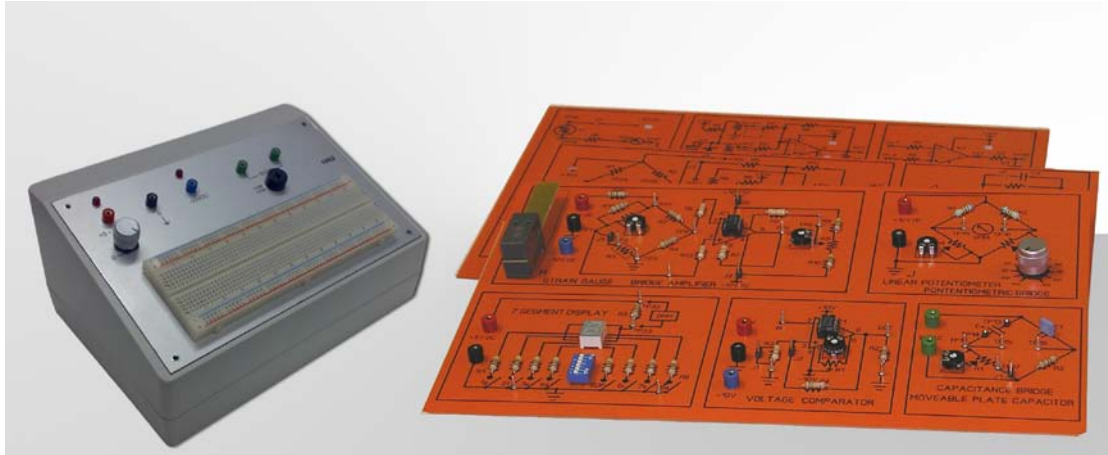


## 1002 | SENSORS TRAINER



### Technical specifications :

The sensors trainer is a set of three (3) printed circuits epoxy boards with the circuits imprints on the surface and the necessary circuit components mounted on them.

The set includes the following sensors / devices with the necessary circuits for the processing of the acquired signals :

Linear potentiometer, LVDT, strain gauge, variable capacitor, Wheatstone bridge, capacitors bridge, thermocouple, Thermistor, RTD, photodiode, phototransistor, differential amplifier, comparator, phase detector, filters, adder, voltage to current and current to voltage converters, 7 segments LED display.

The set also includes a power supply for the necessary to the execution of the experiments voltages.

The sensors trainer can be connected to a PC through a data acquisition card for the processing of the acquired signals.

The set includes all the necessary cables for connecting the circuits and acquiring the measurements as well as the operation and experiments manual (student's and instructor's).