## TIME ELECTRONIC BOARDS

## ELECTROMAGNETISM



DL 3155M06


The design and construction of electronic circuits to solve practical problems is an essential technique in the fields of electronic engineering and computer engineering.

With this board the students can study the principle of electromagnetic induction and its laws, the use of a moving coil and the operating principle of the dc electrical machines.

## CIRCUIT BLOCKS

- Electrodynamic action
- Magnetic field of a coil: the relay
- Electromagnetic induction
- Self-induction
- Moving coil instrument
- Transformer
- Electric motor principle
- Direct current motor

Complete with theoretical and practical manual.
Dimensions of the board: $297 \times 260 \mathrm{~mm}$

## CAI SOFTWARE:

Each board of the TIME system can be supplied complete with a Student Navigator software that allows students to perform their learning activities through a Personal Computer, without the need for any other documentation. Ordering code: please add SW after the code of the board (i.e. DL 3155M06SW)

## Required:

## POWER SUPPLY NOT INCLUDED

Base frame with power supply (completed with connecting cables):
$\Rightarrow$ DL 3155AL3 - Base frame with power supply and interface to pc and virtual instrumentation
$>$ DL 3155AL2 - Base frame with power supply and interface to pc
Basic power supply (connecting cables not included):
$>$ DL 2555ALF - DC power supply $\pm 5 \pm 150 \pm 15 \mathrm{Vdc}, 1 \mathrm{~A}$

$>$ DL 2555ALS - AC power supply $24 \mathrm{Vac}, 2 \mathrm{~A}$
> TL 3155AL2 - Connecting cables
Choosing this power supply, for the execution of the experiments, it is normally required the use of an oscilloscope and two multimeters.

