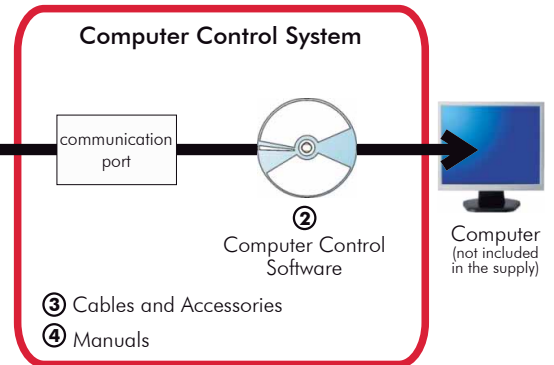




① Unit: ETM. Cellular Mobile Trainer



\* Minimum supply always includes: 1 + 2 + 3 + 4  
(Computer not included in the supply)



## GENERAL DESCRIPTION

The ETM unit is the cellular phone trainer, designed by EDIBON, to study the basic concepts about cellular phone communication. This unit allows to acquire solid formation about the operation mode of a cellular phone technology without any previous knowledge.

The ETM unit allows the student to learn, in a simple and practical way, the basic terms and concepts used in cellular phone systems such as GSM communication, data transmission and reception, etc.

## SPECIFICATIONS

### ① ETM. Trainer:

The unit mainly consists of a unit-interface, which includes the GSM communication element with a series of status indicators, communication ports and GSM antenna.

Elements allocated in a metallic module, including:

- Several LEDs to indicate communication status:
  - ON/OFF indicator. Ring LED indicator. UART indicator.
- ON/OFF Switch.
- Reset button.
- 2x UART serial communication port.
- 2x RJ-9 ports for handset.
- I/O ports.
- SIM card connection.
- GSM antenna.
- Communication connector.
- Handset.

### ② ETM/CCSOF. Computer Control Software:

Compatible with the current Windows operative systems. Intuitive and friendly environment. Easy to use software to control and monitor the ETM trainer.

### ③ Cables and Accessories, for normal operation.

### ④ Manuals:

This unit is supplied with the following manuals: Required Services, Assembly and Installation, Interface and Control Software, Starting-up, Safety, Maintenance & Practices Manuals.

\* References 1 to 4: ETM + ETM/CCSOF + Cables and Accessories + Manuals are included in the minimum supply for enabling a normal and full operation.



ISO 9000: Quality Management  
(for Design, Manufacturing,  
Commercialization and After-sales service)



European Union Certificate  
(total safety)



Certificates ISO 14000 and  
ECO-Management and Audit Scheme  
(environmental management)



Worlddidac Quality Charter  
Certificate  
(Worlddidac Member)

## EXERCISES AND PRACTICAL POSSIBILITIES

### Some Practical Possibilities of the Unit:

- 1.- Study the GSM concepts.
- 2.- Configuration of the communication parameters.
- 3.- Call control.
- 4.- Data transmission.
- 5.- Short messages transmission.
- 6.- SIM card control.
- 7.- Audio control.

### REQUIRED SERVICES

- Electrical supply: single-phase, 220V./50Hz or 110V./60Hz.
- Computer (PC).

### DIMENSIONS & WEIGHT

- Dimensions: 310 mm x 220 mm x 220 mm. approx.  
(12.20 x 8.66 x 8.66 inches approx.).
- Weight: 3 Kg. approx.  
(6.6 pounds approx.).

\*Specifications subject to change without previous notice, due to the convenience of improvements of the product.



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Issue: ED01/14  
Date: February/2014

REPRESENTATIVE:

