



ELECTRIC FIELD



DL 3155M04

THEORETICAL TOPICS

- Fields of force
- The field vector
- The potential and the potential difference
- Characteristics of the electric field and its measurement units
- The electric field generated by a uniformly loaded unlimited plane surface
- The electric field of a double plane surface
- Capacitors: composition, identification, connection
- Charge of capacitors
- Discharge of capacitors
- Energy of the electric field in the capacitors
- Fault simulation

CIRCUIT BLOCKS

• Superficial electrization of the bodies

The design and construction of electronic

circuits to solve practical problems is an essential technique in the fields of electronic

With this board the students can study the characteristics of an electric field, the different types of capacitors in series and parallel configurations and the principle of operation of the charging and discharging of a capacitor.

engineering and computer engineering.

- Electrostatic machine
- Energy of the capacitors
- Type of capacitors
- Capacitors in series
- Capacitors in parallel
- Charge and discharge of a capacitor

Complete with theoretical and practical manual.

Dimensions of the board: 297x260mm

