

ATP 300 | THREE PHASE MOTOR TRAINER



The three phase motor trainer includes all the necessary components for the study of a three phase motor .

The trainer is composed of :

ATP 3M (Three units)

➤ A three phase 350 Watt motor mounted on a base with an integrated panel for all the necessary electrical connections and an integrated disk as an indication of the change of the rotation direction both protected by a transparent cover.

ATP 300B (Two units)

➤ A control unit deployed on a panel placed in a metal case that has imprinted the electrical diagrams of the circuits and the components.

ATP 300A (One unit)

➤ A control unit deployed on a panel placed in a metal case that has imprinted the electrical diagrams of the circuits and the components.

ATP 3T (One unit)

➤ A three phase power supply unit with an EMERGENCY STOP switch.

ATP 105 Panel (One unit)

➤ A ventilator and a control unit deployed on a panel placed in a metal case that has imprinted the electrical diagrams of the circuits and the components.

All the components are of excellent quality and safety certified by the international quality standards while every connection is made through safety sockets.

The trainer includes all the necessary safety connection cables, with a double layer cable and insulated banana type tips that permit the students to make all the necessary connections without coming in touch with the high electric voltage.

With the three phase motor trainer one can make the following experiments :

- Automated start of a three phase motor with a short-circuit rotor .
- Automated change of rotation direction of an asynchronous three phase motor with a short-circuit rotor
- Electrical and mechanical latching of electric motors
- Automated Wye – Delta (Y – Δ) starter
- Automated 3 conveyor belts system