

INDUSTRIAL ELECTRONICS DATA SYSTEMS

A.T.E. – Automatic Test Equipment

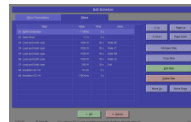
Precision measurements

The ATE Panel performs a wide variety of electrical safety tests for manufactured appliances. It is designed to handle the high speeds and volumes of typical production lines while still maintaining the high standard of results required for quality control.



Flexibility

The ATE Panel is configurable for testing different types and models of appliances. The sequence, type of tests and parameters are adjustable.



An optional barcode scanner identifies the appliance and starts the correct testing sequence. Robust manual pushbuttons are also provided for manual selection by the operator.



Input and adjustments may be made using either a keyboard, mouse or an optional touch-screen interface. The display uses large elements and high contrast colors for easy readability on a factory floor.

Various diagnostic features are built-in to assist with maintenance and repairs. Advanced settings are password protected to prevent unauthorized access.



The results of all tests are stored and may be transferred to a central database for record keeping and traceability.

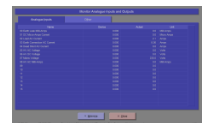
Typical Applications

- Electrical Testing of Appliances



Features

- Dead short testing to detect mistakes in the electrical wiring of the appliance.
- Earth connection testing for electrical safety.
- AC high voltage (Flash) insulation testing.
- DC high voltage (Mega) insulation testing.
- Load power measurement with built-in compensation for small fluctuations in the incoming supply voltage.
- Earth leakage measurements.
- Optional barcode scanner for automatic test selection and starting.
- Optional wireless networking to transfer results to a database system.
- Optional touch-screen interface for adjusting settings and test sequences.
- Castor wheels for easy relocating of the panel.



Physical Dimensions

Foot print 1500mm high x 1000mm wide, depth 1000mm.