



EMC & SAFETY

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EMC & SAFETY

ATB Electric Safety Test Systems



THE COMPLETE SOLUTION FOR CERTIFICATION AND
CE MARKING ACCORDING TO THE PRODUCT DIRECTIVES CEE
AND PRODUCT NORMATIVES (EN, CEI, VDE, UL, etc)

Resistance of the equipotential protection circuit

Insulation resistance

Dielectric strength

Leakage current

ATB - ELECTRIC SAFETY TEST SYSTEMS

Performs electrical product safety tests according to European and International Standards: EN 60335-1, EN 60950, EN 61010-1, ... Several configurations for your specific application are available.

- High Technology and new solutions in order to automatically carry out the following safety test:
 - Resistance of the equipotential protection circuit
 - Insulation resistance
 - Dielectric strength
 - Leakage current (as option)
- Test voltage range for Dielectric Strength: 500 to 4000Vac, 500 to 5500 Vdc
- Compact and easy to handle
- No manual operation required to switch from test to test
- Automatic printout on ticket
- Application SW for remote control and full report printout
- RS 232 PC control
- Serial link control (as optional)
- Up to 300 test programs
- Safety interlock
- Bar code reader (as optional)
- Acoustic & visual FAIL indication

PHYSICAL DATA

- Size (mm): 490x330x495
- Weight (Kg): approx. 35 Kg
- Mains: 110/220 Vac - 50/60 Hz

OPTIONS

- Leakage current test
- WECC Calibration certificate
- Special Adapters or safety boxes, to be specified by the Customer
- CCD Bar code reader



SEVERAL ONFIGURATIONS FOR YOUR SPECIFIC APPLICATION ARE AVAILABLE, SUCH AS:

Electrically powered tools and machines
Household Appliance
Lighting Industry
Electrical and Electronic Instruments
Office and EDP Equipment
Components and subassemblies
Electric Medical Equipment
Welding Machines

PARAMETERS (Parameters can change according to customer requirements)

TEST	V	I	t	R
Ground Resistance		10÷25 AAc - 50 Hz (Feedback controlled)	2÷63 Sec	(0÷250)mΩ
Insulation Resistance	(500-1000) Vdc (Feedback controlled)		3÷63 Sec	200kΩ÷200MΩ
Dielectric Strength	(500÷4000) V ac/dc (Feedback controlled)	(1÷30) mA	1÷63 Sec	
Leakage Current	external ac line	(0,3÷10) mA	3÷63 Sec	