

This equipment is used for testing the basic parameters of electrical safety in the end of lines of plant producing appliances, electronic equipment, lighting, high volume machine tools, etc.

### Make this Test:

- Short Circuit.
- Grounding resistance.
- Insulation Resistance.
- Leakage Current.
- Dielectric Strength.
- Start the equipment under test (on **110V y 220V**).

**Dielectric Strength** Testing is done passively. I mean, not runs the equipment under test.

The system control and data acquisition is based on a generation microprocessor mounted on a plate owns selection, filtering, signal processing and measurement. This plate is linked with internal PC, which runs a software responsible for the administration and control of the entire system.

A keyboard and mouse allow total control Functions as well as its programming team. A visual and audible signal lets you monitor equipment performance as well as the warning of a nonconforming test.

The monitor system has **19" LED** to view and control all system.

The equipment EFE (Full Test Equipment) is a system of acquisition, processing, control and management of data, to store all the results in a database and then generate production reports daily / monthly / annual statistical graphs, thus obtaining all the necessary information and trends for managing production control system.

It also allows to generate label printing (printer not provided) Product identificatory and results of tests. Both the team and the platform were designed for easy handling and dynamic.

The EFE (Full Test Equipment) meets the needs of traceability required tests and calibrations performed in any certification system.

This combination ensures proper handling of information to meet requirements which may require Electrical Product Certification or ISO 9001.

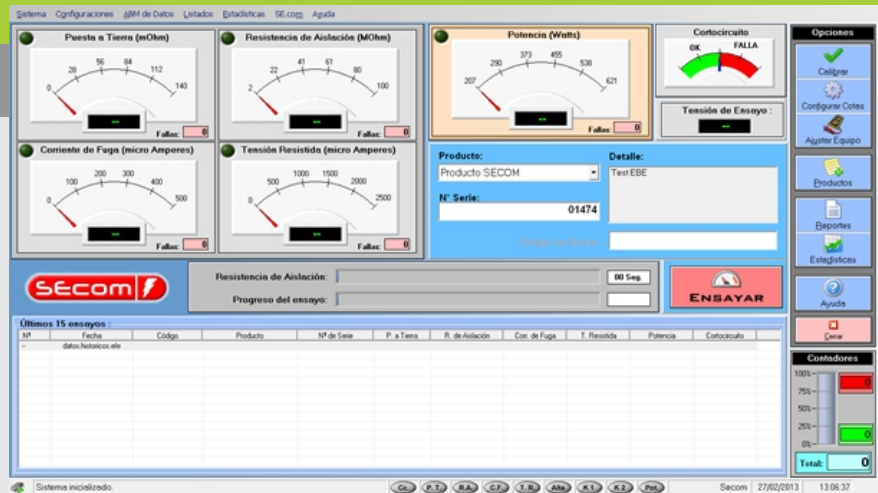


### Technical Characteristics

- **Power Supply:** 220Vca, 50 Hz, 6 A, single-phase.
- With wheels.
- Embedded PC
- Monitor 19" LED.
- Totally control by microcontroller..
- To Test equipment **Class I** of up to To 6A and 220Vca (more consumption to order).
- Verification Set (optional).
- **Dimensions.** 600 x 520 x 1100 (h) mm. Aprox.
- **Weight.** 80 Kg approx.
- According to: **IEC 60335-1 Anexo A.**

## Technical characteristics

- Save the data from each test.
- It generates Listing of tests.
- It generates statistical Analyses with bar chart.
- Generate reports of:
  - Calibrations made.
  - Configurations made.
  - Tests made.
  - Adjustments made to the equipment.
  - Backups made or cancelled.
  - Statistical analyses.



Listado de productos ensayados

Nº	Fecha	Producto	Nº de Serie	P. a Tierra	T. Resistida	R. de Aislación	Cor. de fuga	Potencia	Cor. F.	Tensión	Cor. Fi.
48	15/11/2008	Ventilador de Pie 999999	11	720	33	44	459	2,1	230	1	
49	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
42	15/11/2008	Ventilador de Pie 999999	11	720	33	44	459	2,1	230	1	
56	15/11/2008	Ventilador de Pie 999999	11	720	33	44	459	2,1	230	1	
71	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
69	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
67	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
66	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
65	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
50	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
63	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
62	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
61	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	0,99
60	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
59	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
44	15/11/2008	Ventilador de Pie 999999	11	22	33	44	459	2,1	230	1	
25	15/11/2008	Ventilador de Pie 999999	25	720	33	44	459	2,1	230	0,98	
24	15/11/2008	Ventilador de Pie 999999	25	720	33	44	459	2,1	230	0,98	
23	15/11/2008	Ventilador de Pie 999999	25	720	33	44	459	2,1	230	0,97	
22	15/11/2008	Ventilador de Pie 999999	25	720	33	44	459	2,1	230	0,98	
21	15/11/2008	Ventilador de Pie 999999	25	720	33	44	459	2,1	230	0,98	
20	15/11/2008	Ventilador de Pie 999999	25	720	33	44	459	2,1	230	0,98	
16	15/11/2008	Ventilador de Pie 999999	16	720	3	602	459	2,1	219	0,98	
15	15/11/2008	Ventilador de Pie 999999	56	720	33	44	459	2,1	230	0,97	
11	15/11/2008	Ventilador de Pie 999999	56	720	33	44	459	2,1	230	0,98	
26	15/11/2008	Ventilador de Pie 999999	26	720	33	44	459	2,1	230	0,98	
27	15/11/2008	Ventilador de Pie 999999	26	720	33	44	459	2,1	230	0,98	
19	15/11/2008	Ventilador de Pie 999999	24	720	33	44	459	2,1	230	0,99	
28	15/11/2008	Ventilador de Pie 999999	24	720	33	44	459	2,1	230	0,99	
29	15/11/2008	Ventilador de Pie 999999	23	720	33	44	459	2,1	230	0,99	
30	15/11/2008	Ventilador de Pie 999999	45	720	33	44	459	2,1	230	0,99	

- All the reports can Be exported to archives .PDF (to send them by mail).
- All the reports can Be exported to archives .CSV (to work them in any list of calculations).
- On-line Counters :
  - Equipment Tested.
  - Equipment with Faults.
  - Equipment OK.
  - Faults by tests.

- It allows To calibrate the equipment in plant.
- It allows To fit the equipment in plant.
- It makes backup daily of the data.
- It allows to take the Trazabilidad of all the made Calibrations .
- It allows to take the Trazabilidad of all made Ajustes .
- Impression of labels (Optional).
- Thermal printer of labels (Optional).
- Impression of reports.
- Configurations:
  - Setting of Time of each test.
  - Setting of Minimum and Maximum limits of each test.
  - Setting of Test to make.

### Make This Test:

- Short Circuit.
- Ground Tests.
- Insulation Resistance.
- Leakage Current.
- Dielectric Strength.
- Starting of the equipment.
  - + To equipment: 110Vca.
  - + To equipment: 220Vca.
- Reader of bar code (Optional).
- Only authorized personnel can have access to the adjustment of the equipment, through user and password.

Configurar Tiempo y Cotas

	Tiempo	Cota Mínima	Cota Máxima	Realizar
Puesta a Tierra:	2	0	150	<input type="checkbox"/>
Tensión Resistida:	2	0	por modelo	<input type="checkbox"/>
Resis. de Aislación:	2	2000	99999	<input type="checkbox"/>
Corriente de Fuga:	2	0	por modelo	<input type="checkbox"/>
Funcionamiento:	11	50	50	<input type="checkbox"/>

