

SECUTEST SIII+

Product Summary

Part No.: M7010



DESCRIPTION

The SecuTest SIII+ is a universal test instrument that is ideal for testing the electrical safety of portable electrical equipment in commercial and medical applications. In order to evaluate electrical safety, tests are performed for protective conductor connections, insulation resistance, and leakage current (differential current, equivalent leakage current, device leakage current, patient leakage current, and contact current). The SecuTest SIII+ provides test sequences per IEC 62353: *Medical electrical equipment - Recurrent test and test after repair of medical electrical equipment*, IEC 61010: *Safety requirements for electrical equipment for measurement, control, and laboratory use*, IEC 60335: *Safety of electrical household appliances*, IEC 60950: *Safety of information technology equipment*, and IEC 60601: *Medical Electrical Equipment* (optional).

FEATURES

- Integrated personal protection
- Free report generation PC software
- Menu-driven test sequences: fully automated or manual
- Data interface for PC, printer, and barcode reader
- Parallel test sockets for devices under test without power plug
- Patient leakage current: AC and DC components measured separately
- Equivalent leakage current measurement
- Function test with power analysis
- Temperature measurement
- Current measurement (with optional current clamp)
- Voltage and resistance measurement
- Optional: High-voltage test up to 6 kV DC

APPLICATIONS

Field service, after repair, and routine testing for:

- Electrical medical devices per IEC 62353 and IEC 60601(optional)
- Electrical equipment for measurement, control and laboratory use per IEC 61010
- Electrical household appliances per IEC 60335
- Data processing devices and equipment per IEC 60950

INCLUDES:

- SecuTest SIII+
- Probe cable with test probe depending upon test instrument features
- Plug-on alligator clip for test probes
- 3x plug-on quick-connect terminals
- Calibration Certificate per DAkkS (Accredited per ISO/IEC 17025)
- Operating instructions
- Carrying strap

For more detailed information, please visit www.gossenmetrawattusa.com

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Dranetz is a world leader in providing intelligent monitoring solutions for electrical demand, energy, and power quality.

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