



The GS-X Basic Unit for S.P.L. module system for function tests of medical equipment



- ☑ function tests
- ☑ tests of electrical safety
- ☑ robust light metal case
- ☑ variation V4 for up to 4 moduls, variation V5 for up to 7 moduls

Test and measurement technic
for medicine and industry



S.P.L.
Elektronik

Technical Data

Basic Unit consisting of

- controlled by Controller with 12 bit A/D - D/A converter
- digital I/O ports, Modul-Box for up to 4 modules
- PC-Software

- voltage 230 V / 115 V ac, 75 VA
- dimension: 24 / 34 x 14 x 32 cm (B x H x D)
- protection class: IP20
- weight: appr. 6 kg
- range of temperature: 5 - 40°C
- rel. humidity: 20 - 80 %

Discription of functions:

The GS-X Testing-System was specifically developed for the safety testing of medical equipment. The GS-X Testing-System consists of a Basic Unit and various plug-in test modules which the user can purchase as required. Because of this, the Module-Box has many functions and is being continuously expanded and presently includes functions for testing the following devices:

- **Infusion pumps**
- **Cardiac pacemakers**
- **Defibrillators**
- **High-frequency surgical equipment**
- **electrical safety**
- **ECG Simulation**
- **Equipment for electro-stimulation**

The GS-X Testing-System is a portable, universal system which is very easy connected to a PC. In connection with an external computer, it also serves for the storage and management of customer and device databases, test regulations and records of testing results.

The GS-X Module-Box:

The GS-X Module-Box principally consists of a modular system and plug-in positions for up to 4 test modules.

The system automatically recognizes the test modules as they are plugged in.

ACTIMED Testing Program:

ACTIMED is the testing program for the GS-X Testing-System. ACTIMED is a universal software which not only controls the test modules and displays the measured values, it also offers extensive services for management of testing, customer and device databases.

ACTIMED also manages test regulations, standards and limit-value databases.

For more information on functions please consult our Data Sheet on ACTIMED.