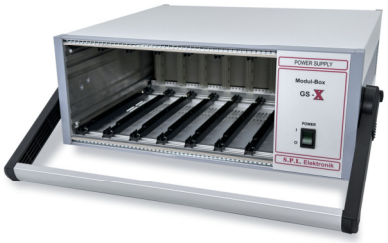
Base Unit **GS-X**



GS-X Base Unit for S.P.L. Modular Test System
for tests of medical equipment



- ☑ function tests
- ☑ tests of electrical safety
- ☑ robust light metal case
- ☑ Custom configuration of the GS Test Modules by the user –
  Version V5 for up to 7 GS Test Modules

S.P.L. Elektronik

Mess- und Prüftechnik
für medizinische und industrielle Anwendungen
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Forstweg 1, 14656 Brieselang, Deutschland

TÜVRheinland ZERTIFIZIERT
Management System ISO 9001:2015
www.tuv.com ID 0910095181

Technical Data

Base Unit consisting of
- controlled by Controller with 12 bit A/D - D/A converter
- digital I/O ports, slots for up to four / seven GS Test Modules
- PC-Software

- voltage 230 V / 115 V ac, 75 VA
- Dimensions V5: 343 x 132 x 310 mm (W x H x D)
- protection class: IP20
- weight: appr. 7 kg – 12 kg
- range of temperature: 5 - 40°C
- relative humidity: 20 - 80 %

Description of functions:

The GS-X Modular Test System was specifically developed for the safety testing of medical equipment. It consists of a GS-X Base Unit and various plug-in GS Test Modules which the user can purchase as required. Because of this, the GS-X Modular Test System 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 Modular Test 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 Base Unit:

The GS-X Base Unit principally consists of a Modular System and plug-in positions for up to 7 test GS Test Modules.
The system automatically recognizes the GS Test Modules as they are plugged in.

ACTIMED Testing Program:

ACTIMED is the testing program for the GS-X Modular Test System. ACTIMED is a universal software which not only controls the GS 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 Datasheet on ACTIMED.

(Technical modifications and errors reserved. 10/2026)

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