

SP02

$U_n \leq 10 \text{ kVDC} / 8 \text{ kVAC (50 Hz)}$
 $I_n \leq 1 \text{ A}$

Product Catalogue

**SPS electronic – Your electrical safety
and function test technology partner.**

**We are meticulous
about quality –
in every area.**

Dear Reader,

we are pleased to present our new product catalogue. And just as we do you should really have a close look at it. Because at SPS electronic true quality according to highest standards is our main concern. On the next pages, you can discover our offer. How can we support you in providing advice and technology? Let us bet that we will take your concerns seriously.

Wolf-Henning Stoll
President

Sascha Aust
General Manager

Stefan Ruhl
Technical Manager

	Foreword	4 – 7
	Service and technical advice	8 – 11
	Products	12 – 25
	Customised	26 – 35
	Accessories	36 – 39

True German Quality

Safety and function test technology that is trusted.

Rely on safety and function test technology which you can trust in every respect.

TRUE GERMAN QUALITY: THE BASIS FOR HIGHEST SAFETY.

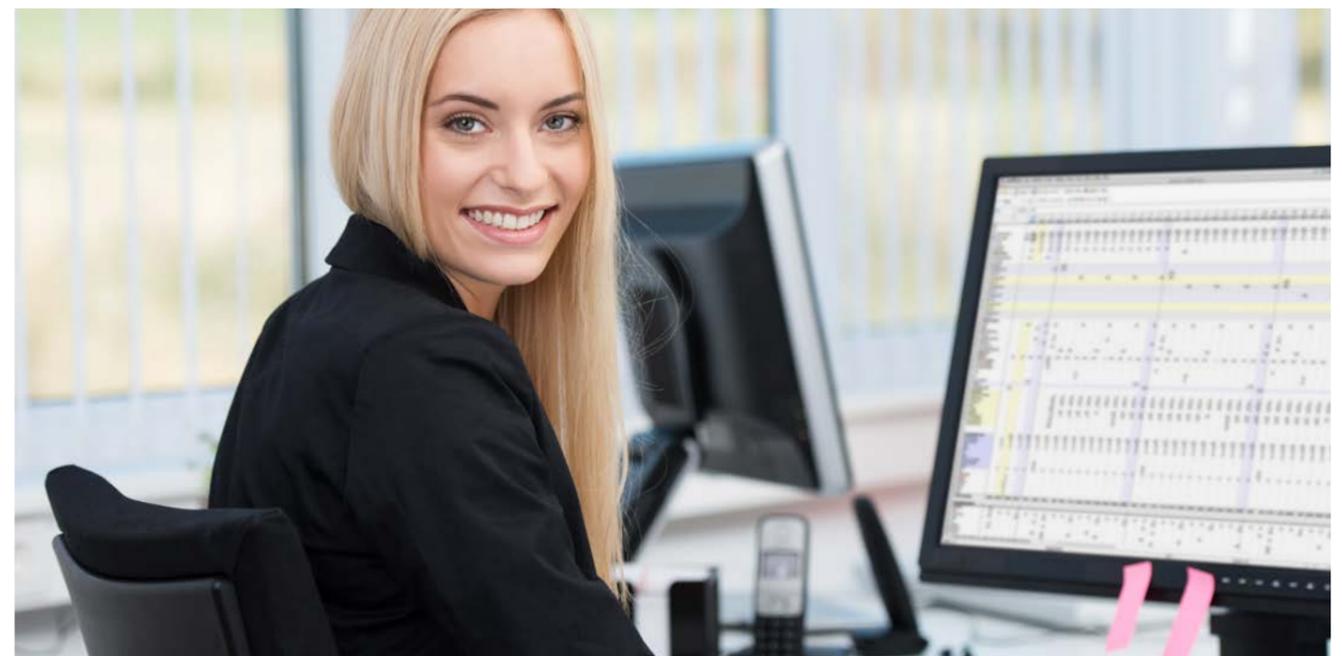
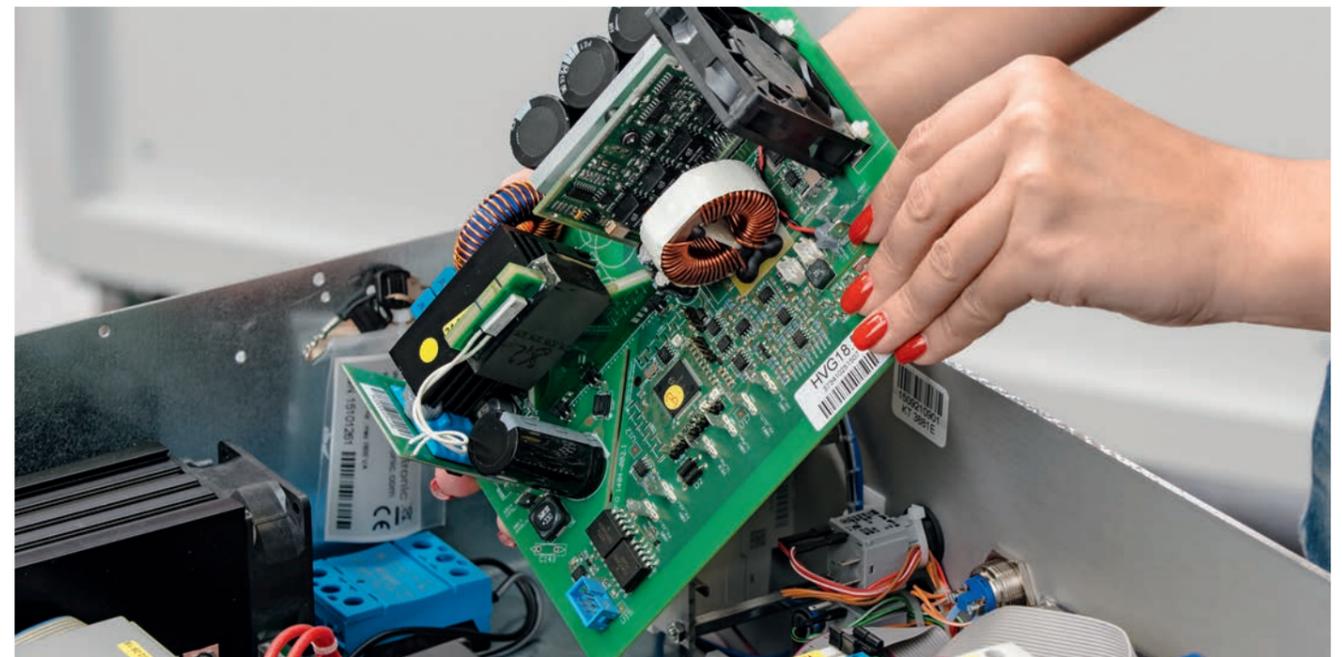
For almost 40 years, SPS electronic has designed and produced test technology in Germany in the field of electric safety, selling it worldwide. While doing so, our main focus is on providing safety and function testers as well as a wide selection of suitable accessories. Always at the latest state of the art and, of course, in best quality.

But apart from the continuous extension and further development of our product range, we are specialised in developing test and checking systems that are individually tailored to customer requirements.

While doing so, we also look after implementation apart from planning. And it goes without saying that this takes place with highest claims. Because no matter what test problem you face – we will find a solution.

We round off our product range with a reliable full service. This includes, for example, our comprehensive advice prior and after the purchase, the installation as well as the repair of appliances, if necessary. And this even applies when it is a third-party product. Furthermore, we offer worldwide training courses and seminars, covering all topics - from mere product use to safe handling of the test technology. To us, this also belongs to German thoroughness.

We are the technology-obsessed experts for electric testers from the heart of Germany. This is exactly the biggest advantage when you decide to engage us. Because we develop our products based on the belief to always offer the best quality. While doing so, we have always oriented on typical German values such as reliability, thoroughness and diligence – and that in every area. From product development to customer advisory service to individual care. In short, you always bet on real German quality when using products from SPS electronic.



We ensure safety to the highest standards – worldwide.

Our products are internationally represented and known in numerous industries as pure quality.

Whenever electrical current flows in a device, it is likely that its function and safety have been checked using technology from SPS electronic. Because no matter in which industry, from the home appliance industry to drive technology to automotive suppliers, companies rely on the highest safety, best quality and the competence of the experts from Germany. That delights us, of course, and drives us to further high performances.

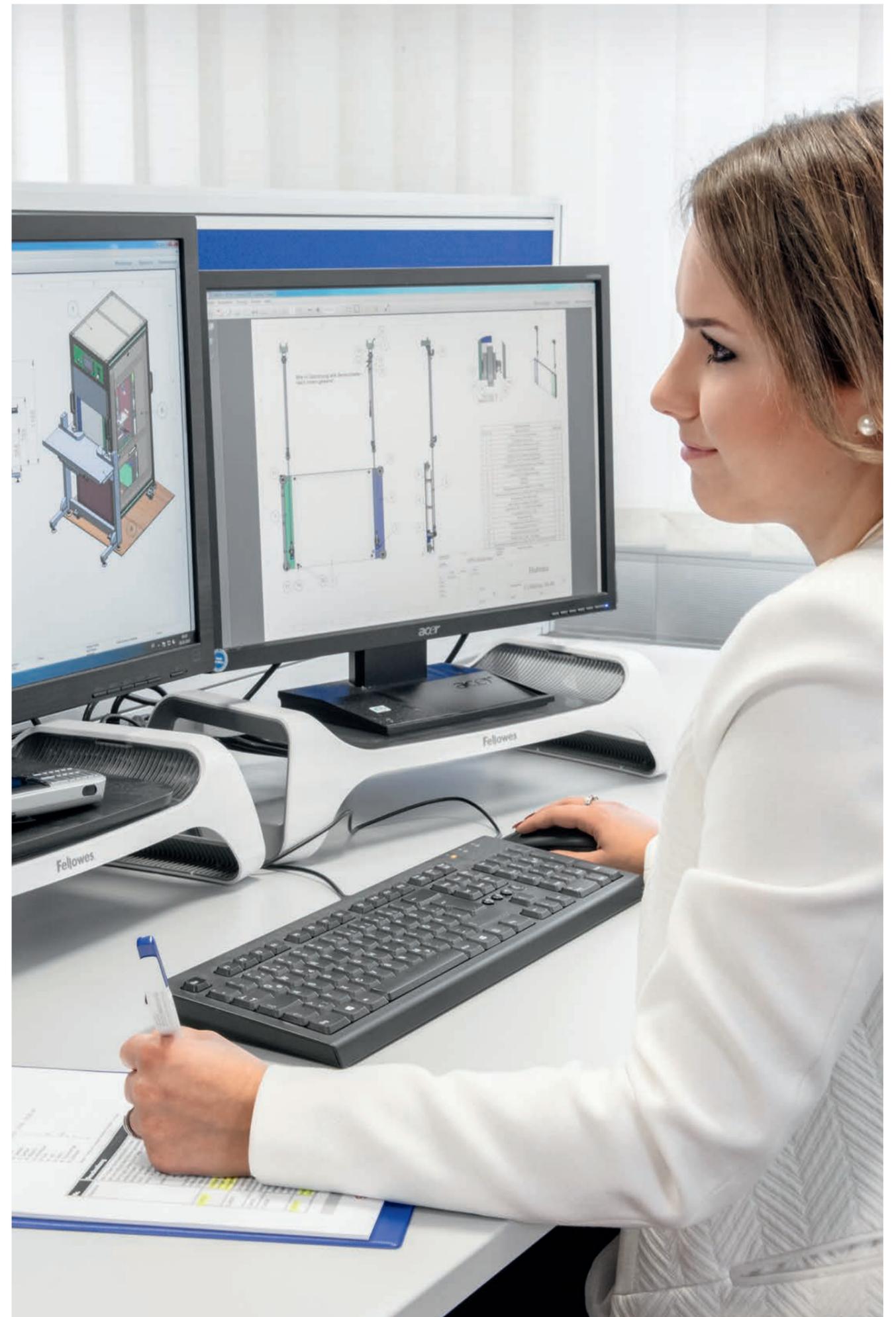
OUR ASSORTMENT CERTAINLY FULFILLS HIGHEST DEMANDS!

You cannot make a better decision: With our wide product range, we offer the suitable unit for each of your testing tasks. You need a single Hipot Tester? Or rather a Safety Tester, by means of which several kinds of testing can be covered? And what about suitable accessories for that? You will find it at SPS electronic.

And in case you do not yet exactly know which of our units is required for your application, our company is the right place for you. We are happy to provide you with extensive advice, assist in making a choice and ensure whenever possible that your work can be done smoothly and successfully. One call will do.

INDUSTRIES IN WHICH PRODUCTS FROM SPS ELECTRONIC ARE USED:

- + E-Mobility industry
- + Drive technology / electric motors
- + Home appliance industry (large and small appliances)
- + Electrical appliances
- + Lighting industry
- + Industrial technology
- + Automotive suppliers
- + Medical technology
- + Transformer manufacturers
- + Calibration laboratories



Not only safety, but also the **well-being** of our customer is top priority.

Beside serial devices, mechanical constructions for integration into the production are our special field.

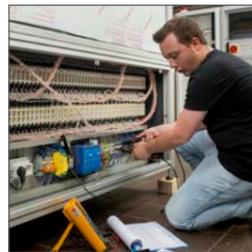
We specialise in developing mechanical superstructures for the automated use of testers. Not only do we provide safety to our testers, but also to our customers who use our units daily. Especially when several hundred to thousand products are tested daily, maximum safety in the handling is important. Furthermore, we attach great importance to ergonomics and flexible, longtime capabilities.

Our superstructures are always customer-specific. They are planned and developed jointly with our customers in order to achieve the best possible result. While doing so, the mechanical system is always structured in such a way that parts subject to wear can always be changed quickly and product-specific parts are easy to replace. From automatic contacting through robots to the labelling of products we offer everything which might have to be used during production. This means that, also in this area, you can rely on the best thing from Germany: excellent quality, highest safety, extreme robustness and durability.



Our Service – Everything from a single source!

When it comes to service we do it thoroughly. The products we offer come with the appropriate advice and support – before and after purchasing. Do you have a question? Need a replacement part or support? Call one of our experienced team members: **+49 7907 878 327**



Calibration and maintenance

The annual calibration of the testers is an essential prerequisite for the assured quality and is a requirement to be met by any company as part of the control of inspection, measuring and test equipment. We calibrate your safety testers – either directly at your location or in our premises. Thanks to our large service network, our numerous subsidiaries and our partners, we are represented worldwide and always close to you.



Regular firmware updates

All testers from SPS electronic always come with up-to-date software. We provide you with regular firmware updates to stay on the cutting edge of technology also in the course of operation of the device. You can download the latest version on our website: www.spselectronic.com



Service for unit on loan

No loss of time – even if your equipment and systems are under repair or maintenance. Numerous loaners are available from the product range of SPS electronic for the duration of the repair of your equipment. Whether they are hipot testers, insulation testers, ground bond testers, leakage current testers or multifunctional units. We also provide a trial unit if you are unsure about the new unit you want to buy. Just let us know about it!



OEM spare parts service

Using our OEM spare parts ensures optimum performance and maximum service life of your equipment. We at SPS electronic supply you with the spare parts for all device types and generations worldwide. Common spare parts are immediately available from stock. Should we not have something in stock, we will produce or procure it as quickly as possible.



SERVICE CENTER

+49 7907 878 327



Aftersales support

We start exactly there, where others give up! And that is why our service does not end with the purchase of one of our units. We want you to have long-term satisfaction with us and our products. Especially for this purpose, we have a large service team that is always on-hand with technical advice and support.



On-site service

We are at your service wherever you need us! The optimum support provided by our service technicians restores the operation of your devices and customised systems. Our customer-focussed field service is tailored to your needs, so as to consistently meet your technical requirements. We will work out the repair and maintenance plan jointly with you, so as to keep the downtime of your systems and equipment at a minimum.



Seminars and training programs

Get the best from your testers! The effectiveness of your equipment and customised systems not only depends on the technology but also its proper handling. We offer training programs that focus on the issues, needs and testing tasks of our customers. We first analyse the training needs together with you and then specifically design the contents according to your requirements. Thus, you get to know your safety tester in a practical and application-oriented way.



Remote service

Our service is also remotely available as an alternative to our on-site support. This saves considerable time and significantly reduces the cost especially when it comes to sites that are far away.

SFS electronic
TRUE GERMAN QUALITY

PRODUCTS

CUSTOMISED

ACCESSORIES



The whole range of Safety Test Technology.

Be placed in an excellent position in every area of electrical safety test technology! SPS electronic offers ranges from Multi-functional Safety Testers (which combine up to 18 functions in one unit) to Hipot Testers to Surge Testers and to almost everything which is required for correct testing. But the best thing remains: With each unit, you can rely on real German quality and the latest state-of-the-art technology.



The one for all cases – Multifunction Safety Tester KT 1886B.



KT 1886B
With integrated,
freely programmable
source for the
function test.

FROM LEAKAGE CURRENT TEST TO GROUND BOND TEST: USING OUR SAFETY TESTERS, YOU HAVE YOUR TEST SPECIMENS UNDER CONTROL.

Now even better: the new multifunction safety tester of the KT 1886 series. They combine all functions of their predecessors, extending them by a lot of new features – for example an integrated, freely programmable source for the function test.

With its touch display you can operate all functions and take a direct reading of the results. And thanks to the interfaces which are available ex factory, the KT 1886B can be integrated into your existing production line without problems, or be fully operated without a PC, too.

If it is particularly exciting: For all tasks which are not safety current limited, we offer the model KT 1886J (500 VA / 100 mA / 200 mA).

- + 18 test functions combined
- + Integrated, freely programmable source for the function test
- + Large touch display
- + Numerous interfaces ex factory
- + Fully electronic generator
- + Usable standalone without PC
- + Can be integrated into existing systems

More information about the KT 1886B and KT 1886J and all other models can be found on: www.spselectronic.com

The independent desktop unit.



LG 1805B

Alternatively, there is also a desktop unit available for you.

- + Most important test functions combined
- + Large touch display
- + Manual operation
- + Desktop unit
- + Full operation, also by means of a PC
- + Improved ergonomics

More information about the LG 1805B on: www.spselectronic.com

Sometimes less is more – OEM-devices without functional test.

Both the KT 1885K and KT 1885L testers originate from the multifunction tester family and are developed for the integration in automatic test systems. They comprise the most important test functions and are unbeatable in price! Both offer maximum comfort and easy useability thanks to the standardised, integrated 10.1" colour touchscreen display. The simple, clear instructions on the touchscreen display make it even more intuitive and efficient to use. Thanks to individually configurable test programs, a fully automated test plan can also be created. The test object only needs to be connected once: time-consuming replugging is a thing of the past!



KT 1885K

Fully automatic safety tester with safety current limitation. Fully-electronic generators, extended voltage range supply from 90 up to 250 V, 50 Hz / 60 Hz.

- + All important test types in one device
- + Safety current limitation
- + Installation in 19" cabinets
- + USB, Ethernet / LAN, RS 232 and 24 V-interface



KT 1885L

Fully automatic safety tester with 500 VA / 100 mA high voltage test. Potential-free, fully-electronic generators, extended voltage range supply from 90 V up to 250 V, 50 Hz / 60 Hz.

- + All important test types in one device
- + 500 VA / 100 mA / 200 mA
- + Installation in 19" cabinets
- + USB, Ethernet / LAN, RS 232 and 24 V-interface

The first generation – Multifunction Safety Tester but certainly not stuck in the past.



YOUR AFFORDABLE ENTRY IN THE WORLD OF MULTIFUNCTIONAL SAFETY TESTERS: KT 1880B.

The device concept is most suitable for all requirements in the field of electrical safety testing and does not leave any wish unattended. It is ideal for easy, inexpensive and uncomplicated safety tests according to current national and international standards.

The KT 1880B provides maximum comfort and ease of use through the 4.3" TFT colour display built-in by default. Thanks to the personalised test programs – a fully automatic test plan can also be created. The DUT must therefore be connected only once – time-consuming replugging is a matter of the past!

With its classic size of 19" / 5 HU, it is ideally suited for direct integration into a system cabinet. Using the slide-in enclosure available as an accessory, it can also be easily used as a desktop device.

- + Most important test functions combined
- + 4.3" TFT colour display
- + Manual operation
- + 19" slot / 5 HU
- + Full operation, also by means of a PC
- + Can be integrated into existing systems

More information about the KT 1880B can be found on: www.spselectronic.com

The independent desktop unit.



LG 1800B

Alternatively, there is also a table-top unit available for you.

- + Most important test functions combined
- + 4.3" TFT colour display
- + Manual operation
- + Desktop unit
- + Full operation, also by means of a PC
- + Improved ergonomics

More information about the LG 1800B on: www.spselectronic.com



Sit back and relax – using our **Hipot Testers**.

Using the Hipot Testers from SPS electronic, you can carry out all high voltage tests conforming to standards. This allows the units to test all electric insulation properties and the dielectric strength of electrical appliances of the protection class I and II. We offer you Hipot Testers for voltages within the range of up to 5,500 VAC or 6,000 VDC at a maximum of up to 100 mA/200 mA.



HA 1885B

**OUR SELECTION MEETS ALL WISHES:
HIPOT TESTERS FROM SPS ELECTRONIC FOR EVERY APPLICATION.**

With our state-of-the-art Hipot Tester HA 1885B, your production is ideally positioned. Its large touch display immensely eases operation, and also all relevant testing information can be read conveniently. During the process, the HA 1885B seamlessly fits in your production or it can also be operated as a stand-alone unit completely without any PC support.

For particularly exciting tasks, our non-safety current limited variants HA 1885G and HA 1885J are also available to you.

- + 19" slot / 5 HU
- + Large touch display
- + Numerous interfaces ex factory
- + Fully electronic generator
- + Usable standalone without PC
- + Can be integrated into existing systems

You can find more information about these and all further units on: www.spselectronic.com

The independent desktop unit.



HA 1805B

The latest technology of high voltage testing was installed in the desktop unit HA 1805B.

- + Desktop unit
- + Large touch display
- + Numerous interfaces ex factory
- + Fully electronic generator
- + Usable standalone without PC
- + Improved ergonomics

More information about the HA 1805B on: www.spselectronic.com

No longer brand-new – still deliver results.



HA 1800M Compact unit

Compact, inexpensive, mobile:
Your entry into high voltage test.

- + 4.3" TFT colour display
- + Fully electronic generator
- + Numerous interfaces
- + Usable standalone without PC



HA 1800B Desktop unit

The basic version for your high voltage test as desktop unit.

- + 4.3" TFT colour display
- + Fully electronic generator
- + Numerous interfaces
- + Usable standalone without PC



HA 1880B 19" rack

The basic version for your high voltage test as a slide-in unit.

- + 4.3" TFT colour display
- + Fully electronic generator
- + Numerous interfaces
- + Usable standalone without PC
- + Can be integrated into systems

Most necessary functions for mobile use.



HA 3600A

For manual testing and with an analogue display reduced to the most important functions, the HA 3600A is ideally suitable for mobile applications.

- + Switchable voltage range 2,500 VAC/5,000 VAC
- + Current range 0-100 mA
- + Timer

Reliability guaranteed – The **Ground Bond Tester P 1800D**.

Using Ground Bond Testers from SPS electronic, you can carry out ground bond tests and continuity tests conforming to standards on units of protection class I. So you can reliably and flexibly check if the permissible limits of ground bond resistance given in standards are not exceeded.

P 1800D



HIGHEST FLEXIBILITY, **MAXIMUM SAFETY** – THE GROUND BOND TESTER P 1800D FROM SPS ELECTRONIC

The P 1800D is our latest innovation in the field of Ground Bond Testers. It is handy and compact, which is why it is particularly suitable for mobile use. Likewise, all requirements are met in order to operate the unit manually or even in fully automatic system use.

- + 4.3" TFT colour display
- + Automatic test sequence
- + Fully electronic generator
- + Usable standalone without PC

You can find more information about the P 1800D on: www.spselectronic.com

Be really safe – The **Insulation Tester IL 3801F**.

Whenever the insulation of an electric appliance shall be tested safely and conforming to standards, the Insulation Testers from SPS electronic are the first choice. From the possibility of a mobile test application to a stationary use to an integrated operation into a network, they have been ideally designed for all applications. All units are also easy and convenient to operate.

IL 3801F



ELIMINATING ERRORS AND ALLOWING FOR SAFETY – BY MEANS OF OUR DIVERSE INSULATION TESTERS.

The IL 3801F from SPS electronic belongs to the all-rounders among the insulation testers. Apart from insulation tests, it additionally combines a high voltage test and a continuity test function. It is very compact, can be conveniently operated by means of its 5.7" colour display and of course meets all common standards. Just as talented, but made for the stationary use is the 19" / 4 HU plug-in device IL 3881F.

- + 5.7" TFT display
- + Automatic test sequence
- + Fully electronic generator
- + Usable standalone without PC
- + 4-wire technology

You can find more information about the IL 3801F on: www.spselectronic.com

For those who are energised – The **Partial Discharge Tester PD 4000D**

With the Partial Discharge Tester of SPS electronic completely new possibilities for evaluation of winding insulation in coils arise. For the first time it is not only possible to test the insulation between core and winding, but also insulation between the single turns.

PD 4000D



THE VOLTAGE IS HIGH, AND **SAFETY** TOO – WITH THE PARTIAL DISCHARGE TESTER PD 4000D.

Be it in development, maintenance or quality control of motors, chokes or transformers – with the PD 4000D partial discharges can be measured and evaluated reliably. The compact and manageable device is equipped with a large 10.1" touch display for comfortable operation. The measurement values and the settings can be easily transmitted via the interfaces (RS 232, LAN).

- + Compact and manageable device
- + Simple, isolated coupling to specimen
- + Measurement with pulse-shaped voltages as well
- + Non-destructive evaluation of winding insulation of coils
- + External antenna
- + External sensor for test voltage
- + Comfortable software for visualisation and controlling

You can find further information about the PD 4000D on: www.spselectronic.com

Don't get wound up in production – The **Surge Tester ST 1800B**.

Only via a surge test it is possible from the outset to detect turn-to-turn shorts and insulation faults within a winding. That way, incipient faults and thus a failure of wound components, electric motors and coils of any kind can be prevented. Using the Surge Testers from SPS electronic, you can be sure about your winding.

ST 1800B



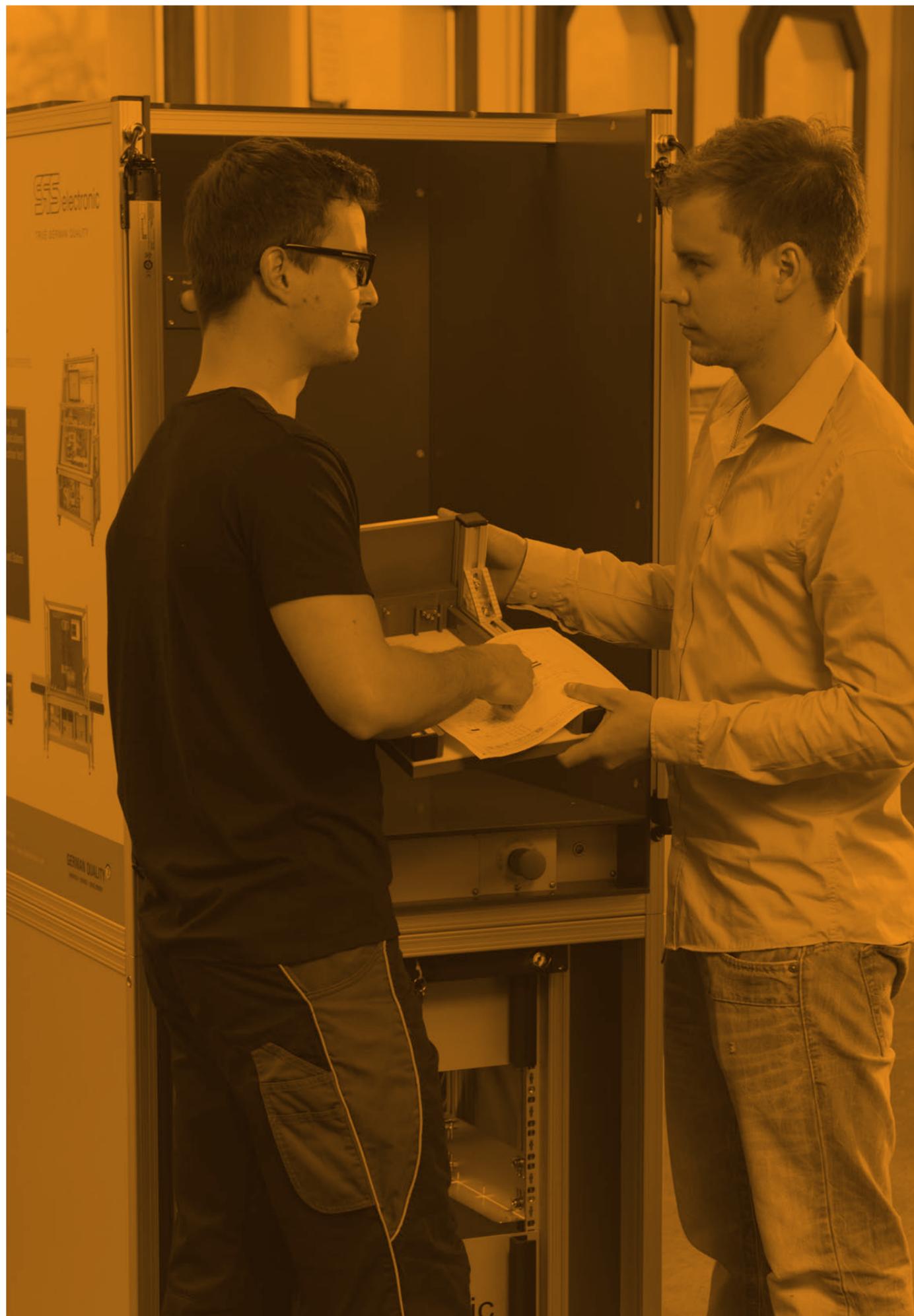
IF PERFORMANCE AND **RELIABILITY** ARE DECISIVE, YOU MAKE THE RIGHT CHOICE WITH THE ST 1800B.

The ST 1800B from SPS electronic has a memory for 360 test programs which can then be checked for individual criteria. That way, fast and efficient working is ensured. Furthermore, the unit can be operated in connection with a PC via an interface, whereby trouble-free use in automatic test systems and production lines is made possible. At the same time, the price-performance ratio of the ST 1800B is unbeatable in many respects.

You can find further information about the ST 1800B on: www.spselectronic.com

The ST 1800B enables automatic evaluations of:

- + Error area
- + Differential error area
- + Corona quantity comparison
- + Corona frequency comparison



Customised

With our products we normally offer a suitable solution for all tasks in electrical safety testing. However, it can happen that very special requirements apply to a particular test task. Be it in terms of the sequence of parameters to be tested, the conditions under which it shall be tested or also the kind in which the approval of the test finally takes place. Here we are also glad to help you – with special solutions which are fully coordinated with your individual needs and the desired requirements. You can learn more about this on the next pages.



When there is a testing task, there is always a solution.

And, at best, it comes from the experts for electric safety test technology: SPS electronic.

We would not be experts if we did not know everything about electric safety tests. Therefore we have the possibility to respond quickly and coherently even to new questions: in the form of customer-specific test systems, supporting you in your work and making it easier. Just put us to the test – what can we do for you?

A TEST SYSTEM – WHAT DOES THAT MEAN?

In a test system, different components from the field of electric test technology are combined with each other and thus summarised to an independent test system. That can mean that a whole production line comes into being on which various electric safety tests are carried out on several stations. Even automated, if it is desired. But it can also mean to develop first-time a safety test for a special, completely new product, where appropriate. The opportunities for that are almost unlimited.

FOR WHOM AND IN WHICH CASE DO TEST SYSTEMS COME INTO CONSIDERATION?

Test systems come into consideration for everyone who is not satisfied with the standardised procedures for electric safety testing. This might have different reasons. For example, if safety testing has not been applied in the required manner yet. This is often the case with a new or also a very exotic product. Or particular test parameters are required, for example whenever a product must also function underwater or in other extreme situations. No matter how unusual a customer wish is – we will find a solution.

Request information about your individual test system now!

FOR WHICH INDUSTRIES, APPLICATIONS AND APPLIANCES CAN TEST SYSTEMS BE REALISED?

Our individual test systems are used in almost all industries dealing with electric technology. Because once current is flowing within an appliance, it must be ensured that safety is guaranteed for the user at any time. In the process, it is rather unimportant whether it is about household appliances, lightings, tools, motors or even medical equipment. What is essential is always the type of carrying out the test.

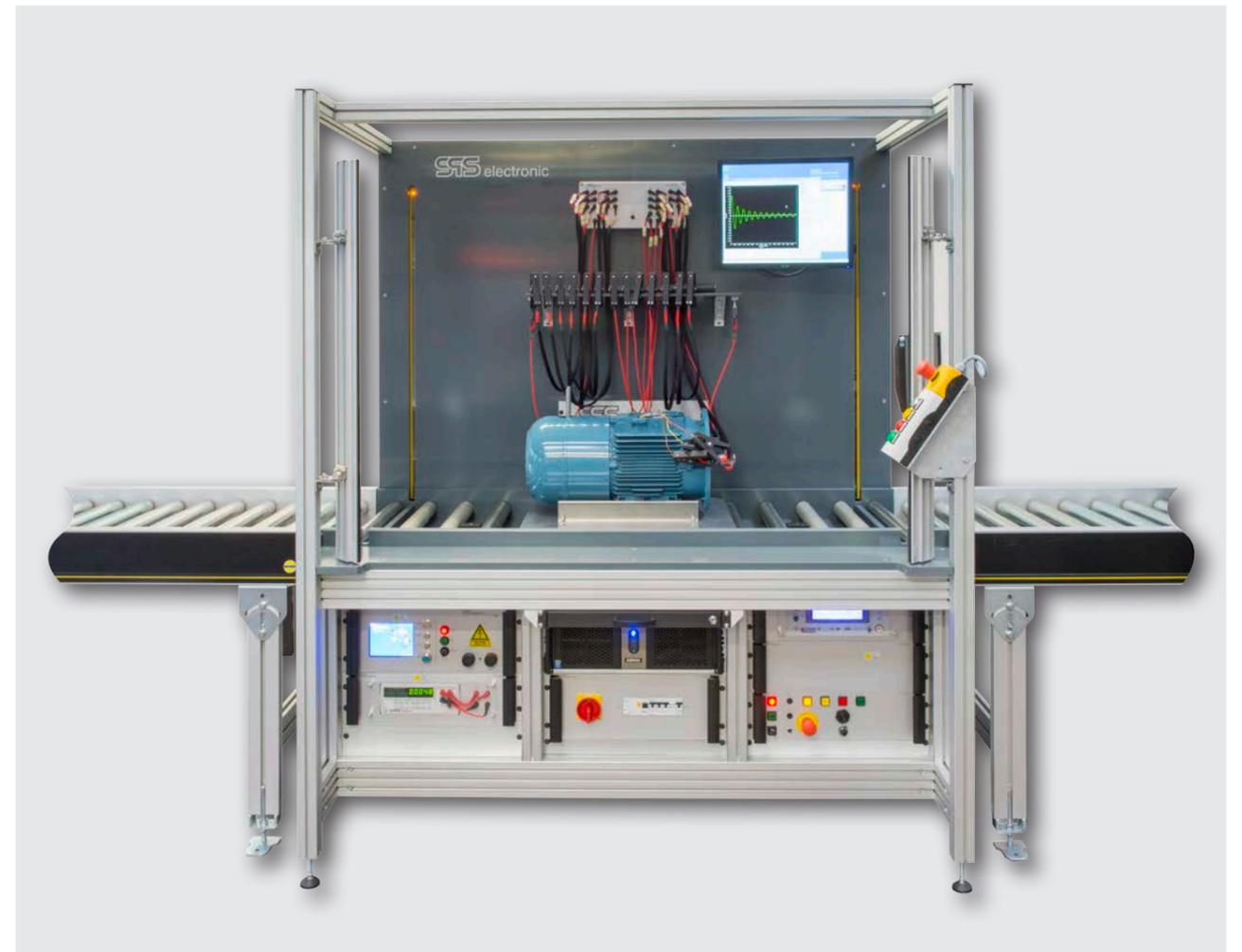
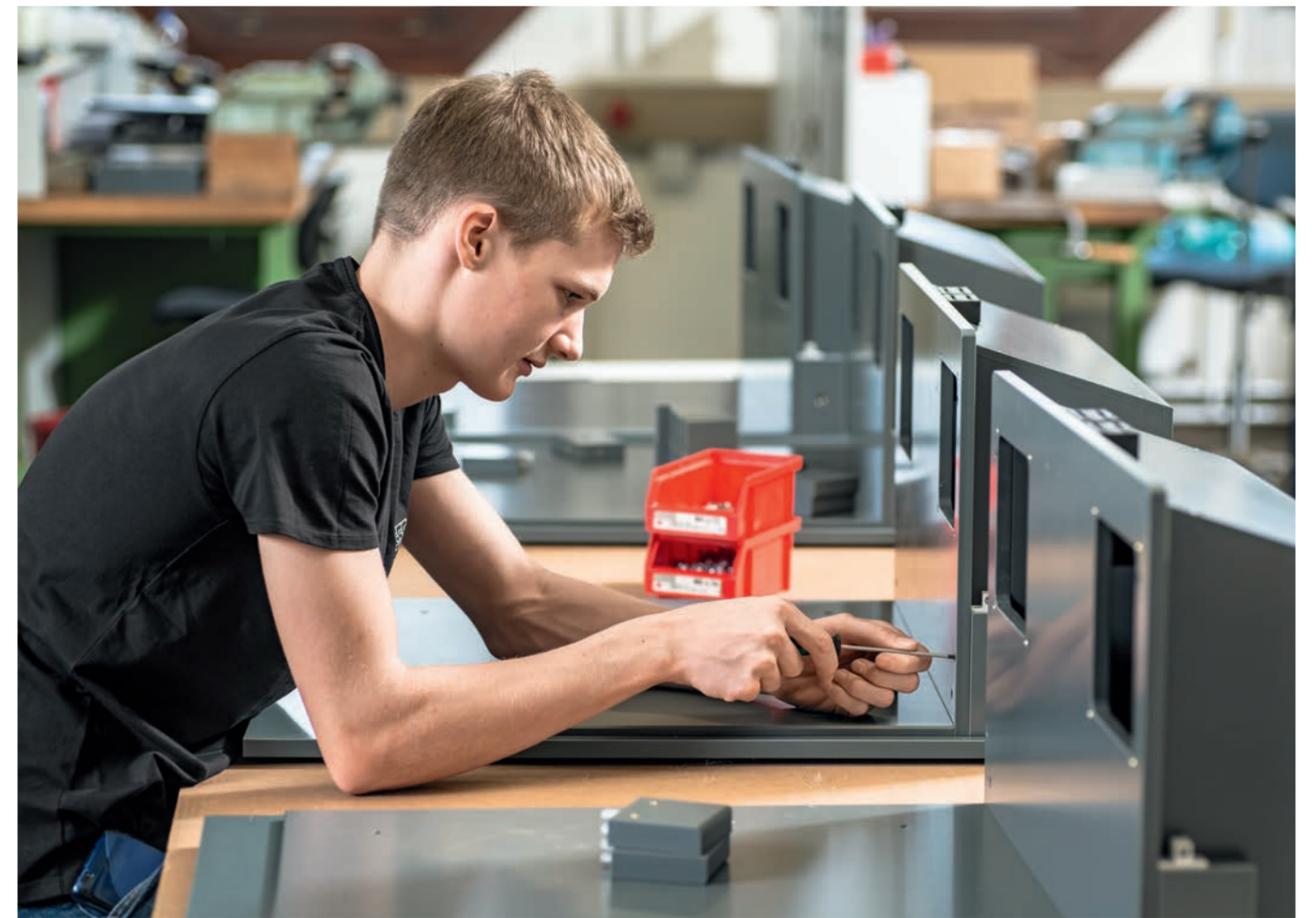
THE KEY TEST PARAMETERS ARE YOUR WISHES.

The advantages of an individual test system are clearly obvious. Because it is especially designed to solve your day-to-day problems at the best. You would like to know whether a test system is also possible for you? Then please contact us. We will jointly analyse your task and develop a set of specifications. Then we will look after the development, realisation and commissioning of the system.

On request, you and your employees will then get a comprehensive training and introduction, and we will, of course, continue to provide you with technical support. It almost sounds too simple, doesn't it?

OUR TEST SYSTEMS CERTAINLY OFFER YOU MANY ADVANTAGES:

- + Individual problem solutions
- + Controllable via software
- + Complete integration into existing systems, on request
- + Comprehensive aftersales support



Individual Testing Solutions – according to your needs

Our testing systems can be flexibly adapted to your requirements and thus be optimally integrated into your production. Three areas of application can generally be distinguished:

MANUAL TESTING STATIONS



From small quantities...

At a manual testing station, testing begins when your employee has entered the DUT into the testing system and contacted the test connection. The start of the testing may take place in various ways:

- **Test with inevitable contact protection:** Testing begins once the protective housing has been closed.
- **Test without inevitable contact protection:** Testing begins at activation of a two-hand start.
- **Test without inevitable contact protection – light curtain:** Testing begins at activation of a start button. The light curtain must not be interrupted in the process.

A red warning lamp signals that the DUT carries live voltage and must not be touched. The testing system visualizes the result after the fully automatic continuous testing sequence.

SEMI-AUTOMATIC TESTING STATIONS



...up to...

Semi-automatic operation combines a fully automatic process with manual interventions. For example, a fellow employee can insert the DUT into a test cluster and start the test procedure. The testing system or an additional control then checks all necessary cylinder movements for contacting the DUT and starts the testing sequence.

FULLY AUTOMATIC TESTING STATIONS



...high volumes!

If the testing system is integrated into a fully automatic production line or production facility, testing takes place automatically, without manual intervention. The testing system will generally work in one of the two listed modes:

Mode 1: The testing system is fully remote controlled by a system control. The superordinate control specifies all test parameters, or chooses the testing sequence set in the testing system. Contacting and all mechanical processes are carried out by the system control. As soon as the system control has prepared testing, it starts the testing system. At the end of testing, it transfers the test results back to the system control.

Mode 2: The testing system controls all mechanical processes in the test cell via a bus system. The testing system additionally communicates with a system control and an ERP system.



Testing system for battery disconnect units



Testing system for motors



Testing system for servomotors



Testing system for brakes



Testing system for stators



Testing system for stators

The know-how of SPS electronic has been used in these solutions

Further examples of our expertise.



Testing system for sensors



Testing system for power distributors



Testing system for power tools



Compact test bench for explosion-proof lightings



Testing system for household appliances



Testing system for power distributors



Testing system for electric motors



Testing system for water pumps



Testing system for solar inverters



Mobile test trolley for universal applications

Customised workplace design

On this page you can find an overview of workplaces that complement your testing system. Of course, we also provide individually tailored workplaces – from tandem test hoods, test cages with a trapdoor up to accessible testing rooms.

TESTING STATION WITH CONNECTION PANEL



The simplest connection option for small and medium numbers is the use of connection- and control panels. One joint panel can be used in principle for connection and operation, but separate panels for DUT connection and operation of the system are also widely applied solutions. If one of these two concepts is used, the operator can be protected with a 2-hand safety operation. Additional persons must not have access to the test area. This ensures conformity with EN 50191.

TESTING STATION WITH TEST HOOD



In an industrial environment it is often necessary to protect the user by means of a test hood. In this case, workstation design is significantly simplified with regard to third persons. With the test hood and integrated safety switches, workstation design in conformity with EN 50191 is guaranteed without additional equipment. The test hood is available in various standard sizes, individual production to suit customer requirements are often requested.

TESTING STATION WITH LIGHT CURTAIN



The use of a light curtain to protect against dangerous voltage permits workplace design in conformity with EN 50191, as well as smooth handling. As opposed to a conventional test hood, the light curtain does not always protect against mechanical hazards, because the test area is not closed. The safety light curtain is certified for this application and ensures that all voltages are switched off when the light curtain is interrupted. A particular advantage of this concept lies in easy mounting and dismounting.

IF YOU NEED SOMETHING BIGGER WALK-IN TESTING CABIN

For larger DUT we also manufacture walk-in testing cabins upon customer request.

In the picture: a walk-in testing cabin with a split door, as well as a connection panel placed on the left of the test cage and a double side wall in which high voltage relays can be accommodated. The two-wing door is equipped with a lock so that the operator cannot open the door during a high voltage test until the DUT is safely discharged. After closing the door the operator can control the test process from outside via operating controls.



Contacting your DUT

Even though “electronic” is part of our company name, one of our major strengths lies in mechanical adaption of DUT and their specific contacting.

Testing equipment and mechanics are manufactured to precisely meet your test task's requirements. Pneumatically controlled, very small Kelvin pins or spring-loaded contacting modular construction kits are often used in this regard. Construction takes place directly on 3D-CAD workstations in-house. The latest facilities in our mechanics department ensure production of professional and affordable components.

KELVIN TERMINALS



MAGNETIC CONTACT



CONTACTING WITH KELVIN SPRING PINS



CUSTOMISED SOLUTIONS



INDIVIDUAL CLAMPING MODULES



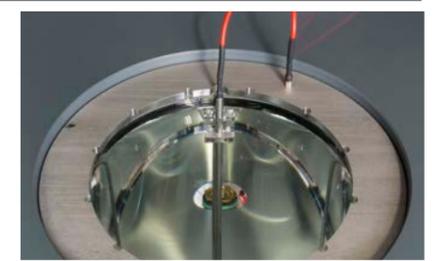
CONNECTION VIA ADAPTER CABLE



PNEUMATIC CONTACTING



CONNECTION VIA ADAPTER CABLE





Accessories

With electric safety testing, the details can be decisive. Want to be on the safe side? SPS electronics accessories have the best German quality. From high voltage test probes to high voltage relays and various socket connectors to software for remote control – we offer everything you need for your work.

Everything that is needed for a relaxed working environment.

Be placed in an excellent area of electrical safety test technology when using products from SPS electronic. In order to round off our entire service and performance package, we additionally offer you comprehensive accessories in various versions for all areas. Furthermore, you can find more accessories on www.spselectronic.com



High Voltage Relays & Contact Protection

Various high voltage relays which can switch voltages up to 5,000 VAC or 10,000 VAC in combination with high currents.



High Voltage Test Probes

To carry out a safe high voltage test. Available in various versions and cable lengths with start signal.



Ground Bond Test Probes

Available with integrated start button and with different cable lengths.



Universal Test Sockets

Universal test socket adjusted to various plugs and country standards. Especially durable and robust.



High Voltage Cables

Up to 10,000 VAC approved high voltage cables. Available in various versions and cable lengths.



High Voltage Connectors

Multi-pin connectors for voltages up to 10,000 V and currents up to 30 A.



Kelvin Terminals

The exchangeable clamping jaws allow connection of free cable ends as well as threaded bolts. Available with various opening widths.



Test Dummies

To test all serial devices and test systems with regard to their functional capability.



Test Hoods

Standardised test hoods for various applications. You need an individual system? Then just contact us.



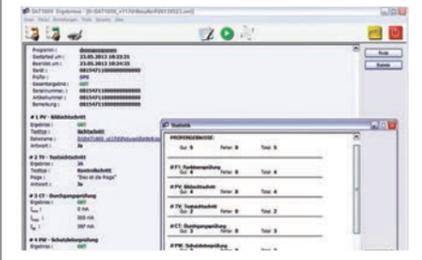
Test Cages with Light Curtain

We stock test cages in which safety features such as a light curtain are integrated ex factory. This offers highest safety and a convenient access to the test specimen.



Connection and Control Panels

To control and operate your testing processes. Available in different versions.



Remote Control Software / Special Software Solutions

You need a software to control your individual test system? Then just contact us, we will jointly find a solution.

SPS electronic GmbH – Headquarter

Blätterracker 18
74523 Schwäbisch Hall
Germany
Tel. +49 7907 8780
info@spselectronic.com
www.spselectronic.com

SPS electronic GmbH – Northern Branch

Boschstraße 15
49767 Twist
Germany
Tel. +49 7907 8780
info@spselectronic.com
www.spselectronic.com

SPS electronic CZ s.r.o.

Růžová 5363
430 04 Chomutov
Czech Republic
Tel. +420 474 684 637
info@spselectronic.cz
www.spselectronic.cz

SPS electronic Inc.

1395 South Marietta Pkwy SE
Building 400, Suite 114
Marietta, GA 30067, USA
Tel. +1 770 485 0161
info@spselectronic.com
www.spselectronic.us

SPS electronic UK Ltd.

21 Hollytree Close
Hoton, Loughborough
Leicestershire LE12 5SE, UK
Tel. +44 1509 88 0065
info@spselectronic.com
www.spselectronic.co.uk

SPS electronic (Shenzhen) Co., Ltd.

Room 1013, XingHe Tower
Shajing Street Community, Baoan District
518125 Shenzhen City, China
Tel. +86 137 1712 7585
info@spselectronic.com
www.spselectronic.com.cn