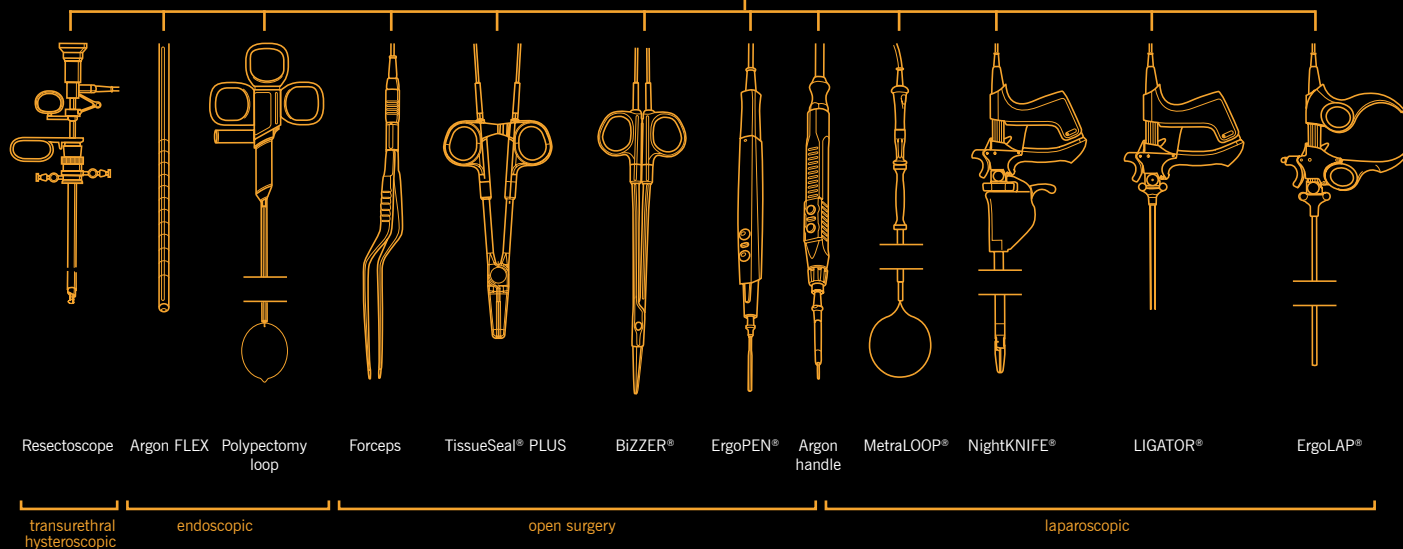
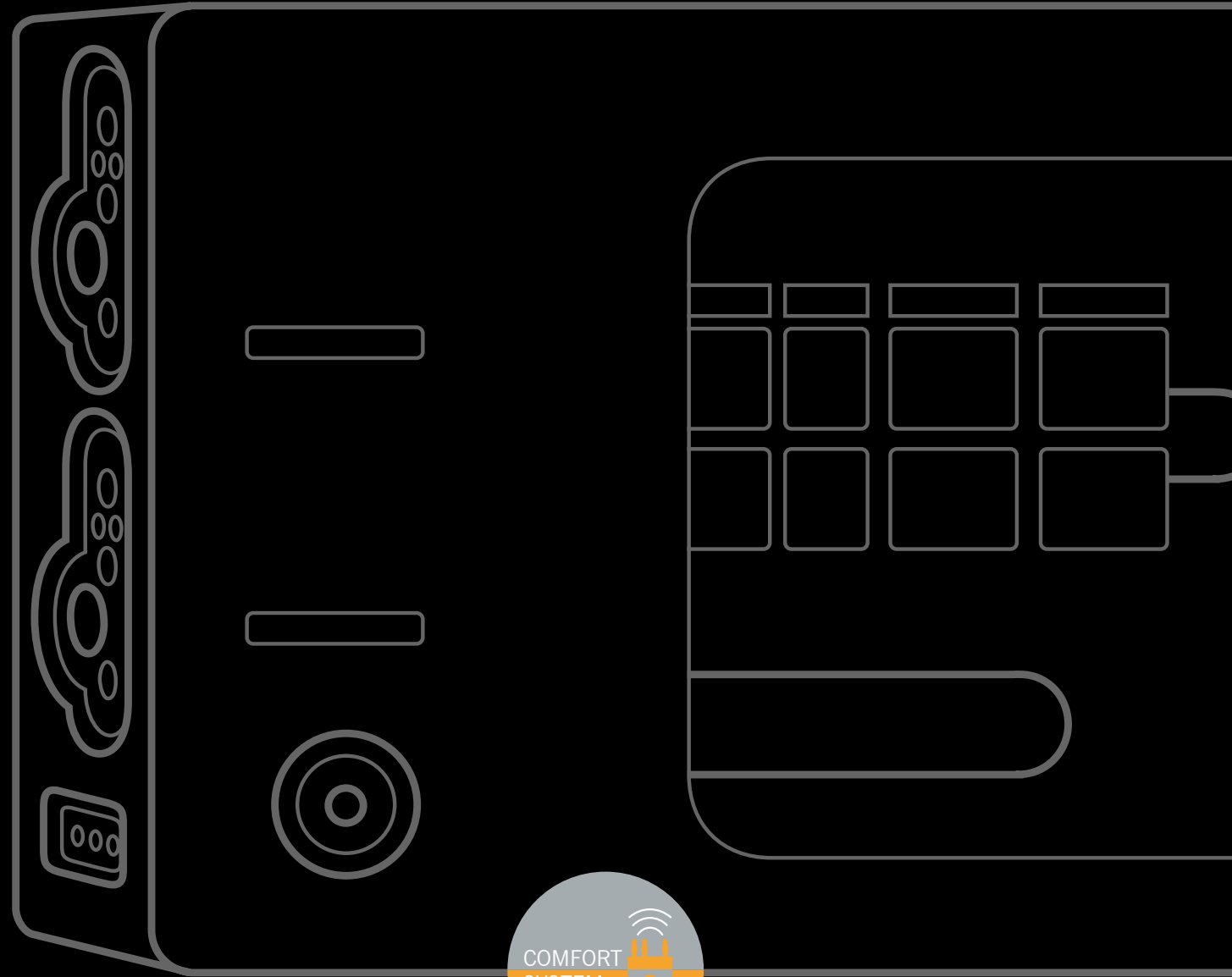


COMFORT SYSTEM –
the first universal and interdisciplinary
instrument detection system in the world



The COMFORT-BOX – quality assurance during preparation

You can use the COMFORT-BOX for checking the preparation cycles of intelligent instruments.

	<p>COMFORT-BOX</p> <p>5 x ErgoPEN 4 mm (REF 215-145)</p> <p>5 x bipolar cable forceps (REF 101-140)</p>	050-240
	<p>COMFORT-BOX</p> <p>5 x ErgoPEN 2.4 mm (REF 218-145)</p> <p>5 x bipolar cable forceps (REF 101-140)</p>	050-241

BOWA
EINFACH SICHER

BOWA-electronic GmbH & Co. KG
Heinrich-Hertz-Str. 4-10
72810 Gomaringen | Germany

Phone +49 (0) 7072-6002-0
Fax +49 (0) 7072-6002-33
info@bowa.de | bowa.de



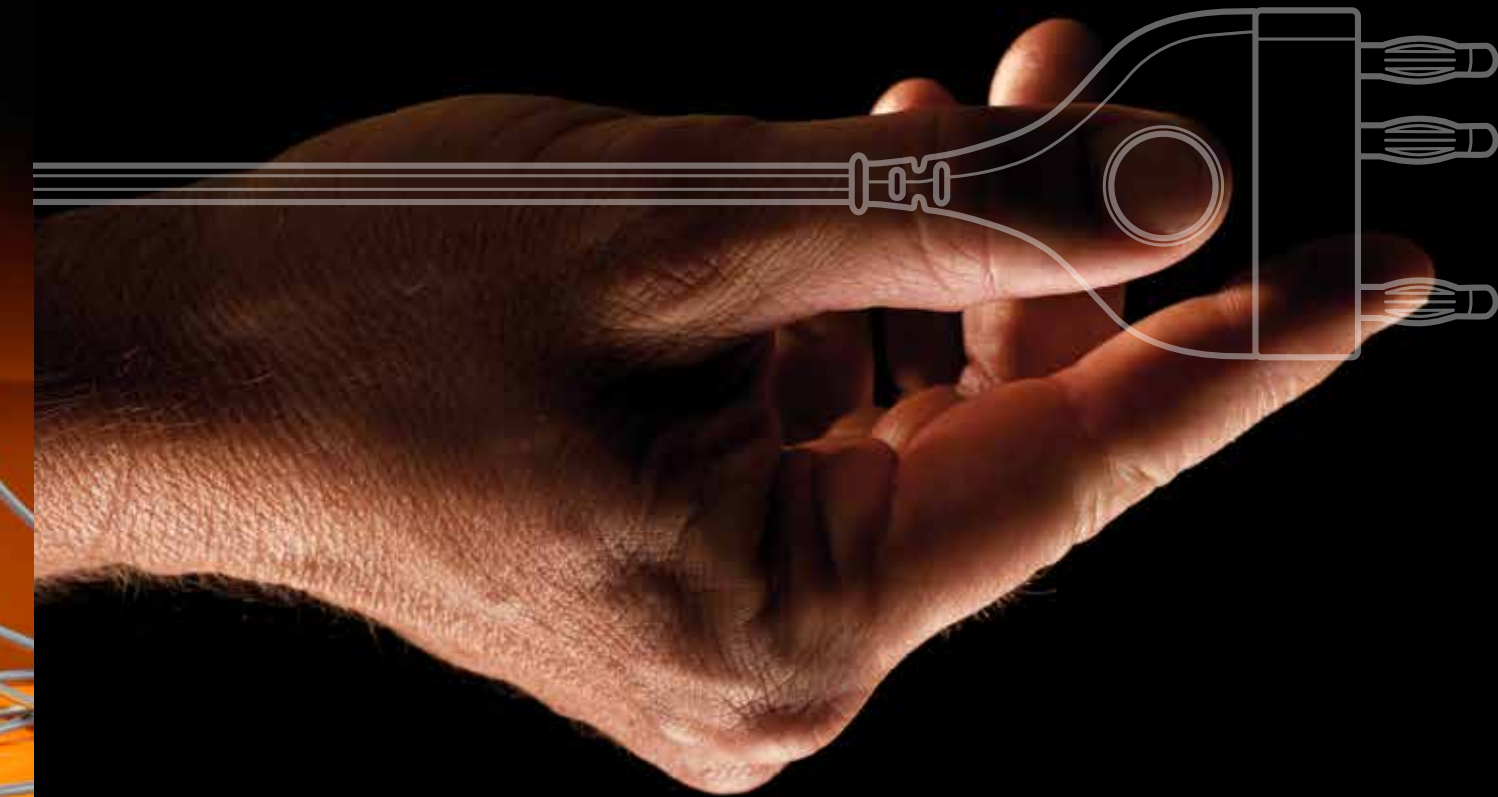
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COMFORT SYSTEM
THE REVOLUTIONARY SOLUTION FOR
MAXIMUM PROCESS SAFETY



BOWA
EINFACH SICHER

Made in Germany



The COMFORT SYSTEM – process optimisation
for all instruments and areas of application

Our COMFORT SYSTEM relies on state-of-the-art RFID technology – and thus on the new standard for electro-surgical accessories. The COMFORT SYSTEM is the first and ideal system worldwide for process optimisation in the operating theatre and is being used across all electro-surgical areas of application. COMFORT instruments are automatically detected during insertion by

the Plug'n Cut COMFORT function of the generators. The specific settings of the instrument are preselected and the operation can be carried out immediately. The COMFORT SYSTEM counts and documents the number of remaining uses of the instrument and shows this figure on the display. This function is the basis for a 100% correct instrument and quality management.

BOWA COMFORT SYSTEM – absolute safety for application, process and quality

Which settings do we have to choose for this handle? Or: how many times can we continue to use these BiZZERS? These are really quite simple questions. However, if you look at the approaches to instrument management that are used in electrosurgery in greater detail, you will find many different approaches. The COMFORT SYSTEM puts an end to manual tally lists or cable labels, which are to provide information regarding the type and scope of the employed instruments. BOWA COMFORT instruments are intelligent tools. They specify the correct setting / configuration parameters for your electrosurgery equipment and count the number of uses. Another special feature of the COMFORT SYSTEM is that it is the first universal system solution for electrosurgery in the world. Intelligent COMFORT instruments are available for all electrosurgical areas of application.

Two important benefits for improving the workflow are realised throughout the entire theatre process chain:

References:

Montag K: Untersuchung zur Gebrauchstauglichkeit von Medizinprodukten im Anwendungsbereich OP (Investigation of the Suitability of Medical Products in the Theatre Area of Application), Inaugural Dissertation 2012; Medical Faculty of the Eberhard Karls University Tübingen, Germany

Schröder D: Bundesinstitut für Arzneimittel und Medizinprodukte (Federal German Institute for Drugs and Medical Products), Abt. 9 – Medizinprodukte (Dept. 9 – Medical Products): Instrumente und Elektrik als Fehlerquellen. Vorkommis-Meldungen bei der Anwendung von Endoskopen. (Instruments and Electricity as Error Sources. Incident Reports regarding the Use of Endoscopes), MTD 11/2004, p. 83-87

Singer M: Instrumentenmanagement – ein Erfolgsbericht aus der Praxis aus dem Klinikum am Plattenwald Bad Friedrichshall (Instrument Management – a Success Story from the Theatre Operations in the Plattenwald Clinics, Bad Friedrichshall), in: Zentralsterilisation, 14th Vol. 2006, p. 127 et seq.

* Wagner U, Department für Human- und Wirtschaftswissenschaften, UMIT – Private Universität für Gesundheitswissenschaften, Medizinische Informatik und Technik (Department for Human Sciences and Economics, UMIT – Private University for Health Sciences, Medical Computer Sciences and Technology), Hall: Vorkommisse mit Medizinprodukten in Deutschland, Risikomanagement als Teil des Qualitätsmanagements (Incidents with Medical Products in Germany, Risk Management as Part of the Quality Management), in: Gesundheitsökonomie & Qualitätsmanagement 2010, 15(3); p. 127-131

100% quality can only be achieved with the right technology
The COMFORT SYSTEM documents the use of the instruments in the instrument itself. The ARC system and COMFORT-BOX monitor and display the number of instrument uses. This way you can tell at a glance how many times the instrument has already been used and how many uses remain. This way you can avoid that the maximum number of uses is exceeded. Also, the system simplifies the reorder process by displaying order information, thereby supporting lean management processes and logistics in hospitals.

Maximum safety and simultaneous reduction of theatre time
The Plug'n Cut functionality of the COMFORT SYSTEM enables the generator to automatically identify the instrument, check it and select the correct device settings. The Plug'n Cut COMFORT function thereby avoids incorrect settings.

You can benefit from the enhanced suitability for use and avoid theatre time delay by using the COMFORT SYSTEM.
34% of all incidents with medical products, which cause injury to patients and personnel, originate from poor suitability for use, e.g. due to the wrong setting of equipment. More than 43% of theatre time delays result from a poor understanding or insufficient operability of medical products.* The COMFORT SYSTEM reduces this error potential to a minimum.

The COMFORT SYSTEM – the cycle for 100% product monitoring

Serious efforts can't succeed without the right technology
The COMFORT SYSTEM supports all stakeholders in theatre processes with technology that for the first time allows truly economical, high quality work in electrosurgery. This is possible because all relevant information about the instrument's use can now be found on an integrated RFID chip and is forwarded in a cycle from one stakeholder to the next. This saves valuable time and ensures sustainable information security. The revolution of electrosurgery has begun: CSSD, theatre team and surgeon will all benefit from the standard of the future – the COMFORT SYSTEM by BOWA. Apart from the above, you can continue to use the system with the existing accessories of common manufacturers – of course without an adapter.

Benefits for the surgeon:

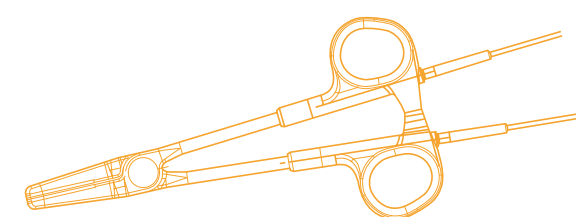
Ready to use immediately
Automatic parameter configuration / preselection and checked COMFORT instruments allow their immediate use.

Ergonomic operating
Award-winning, high quality reusable instruments for best operating results

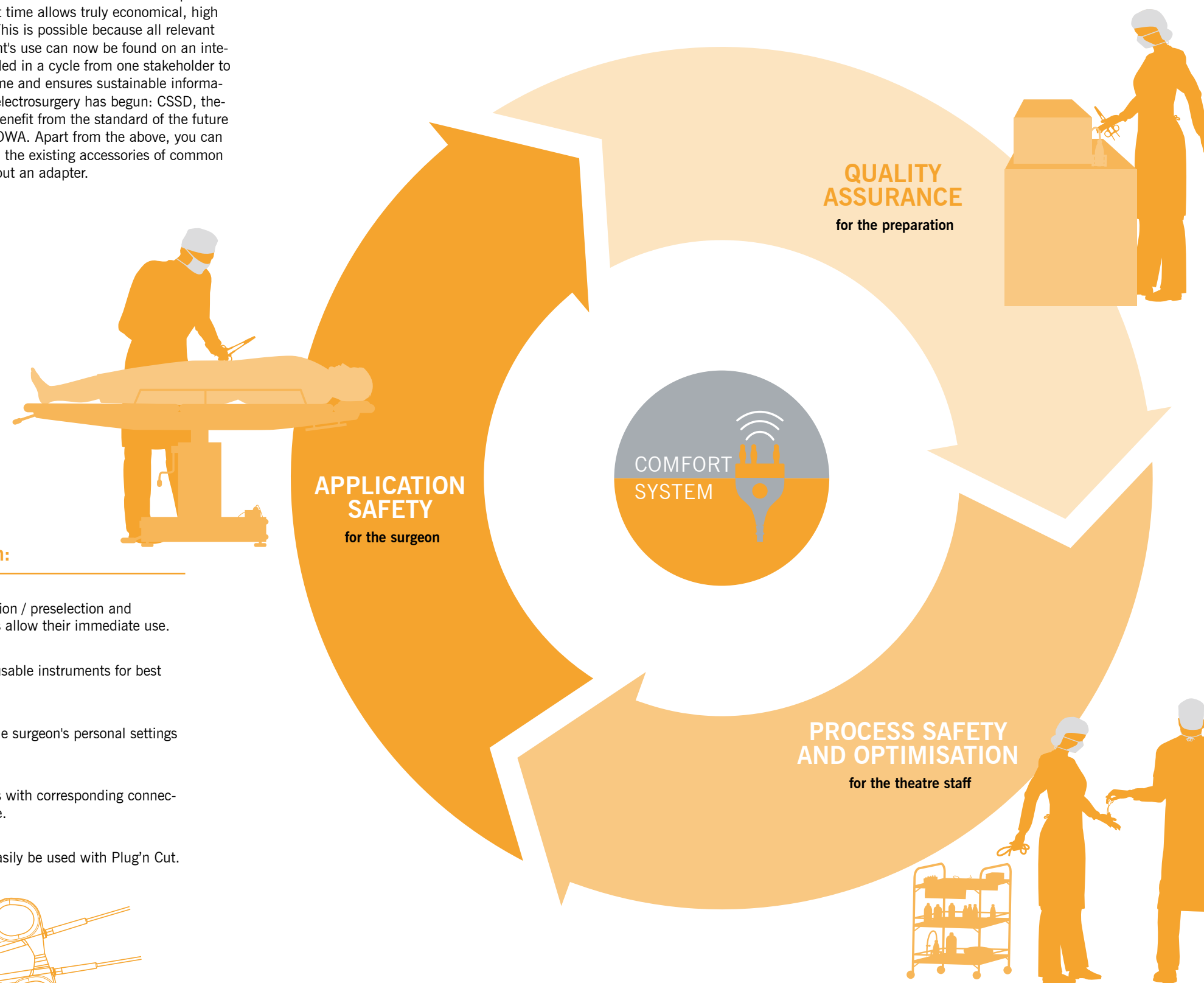
Safe settings
Plug'n Cut COMFORT checks the surgeon's personal settings and approves their acceptance.

Various combinations
Application-oriented parameters with corresponding connection cables are easy to configure.

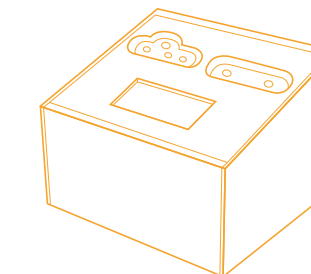
Open system
Conventional accessories can easily be used with Plug'n Cut.



COMFORT instruments



COMFORT-BOX



Benefits for preparation/CSSD:

Safe preparation
Only those items, which have been checked and verified with the COMFORT-BOX, are prepared.

Continuous monitoring
All uses are logged in the instrument.

Full transparency
The consumption status of the COMFORT products can be seen via the COMFORT-BOX at any time.

Documented consumption
100% recording of the actual instrument use

Easy procurement of spare parts
Display of order information for consumed COMFORT items

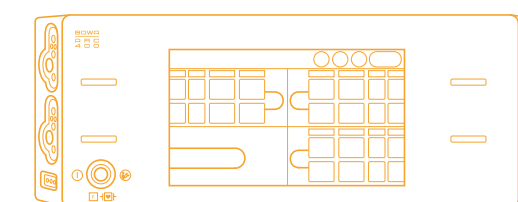
Benefits for the theatre staff:

Efficient workflow
Simplified processes in electrosurgery save time and personnel.

Safe equipment settings
Work safely due to parameter configuration / preselection and the checking of the set parameters or the automatic specification of recommended settings.

Increased patient safety
Relieving staff from part of their workload means that patients can be given more attention.

Checked instruments
Automatic checking of the instruments and compliance with the maximum number of uses is ensured.



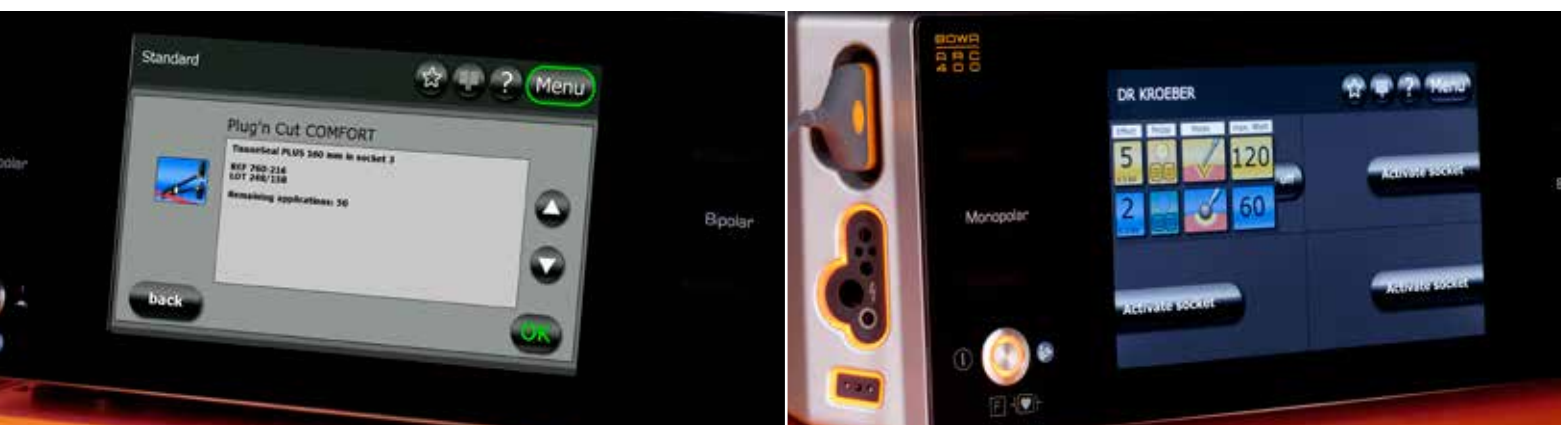
COMFORT generators

Unique – the variety of COMFORT instruments



Monopolar resectoscope	Storz/Wolf	106-145
	Storz	106-245
	Olympus	106-345
Bipolar resectoscope	Storz	352-145
	Wolf	354-145
	Olympus	355-145
Argon	Flexible	932-146
TissueSeal	190 mm	760-319
	230 mm	760-323
	280 mm	760-328
TissueSeal PLUS	160 mm	760-216
	190 mm	760-219
	230 mm	760-223
BIZZER fine	280 mm	760-228
	145 mm	795-545
	180 mm	795-580
BIZZER	170 mm	796-570
	180 mm	797-580
	230 mm	797-630
BIZZER slim	280 mm	797-680
	145 mm	798-545
	180 mm	798-580
BIZZER pointed	230 mm	798-630
	280 mm	798-680
	4 mm	215-145
ErgoPEN	2.4 mm	218-145
	Handle	932-042
Argon	Set	520-115
	Internal shaft	520-116
MetraLOOP	200 mm	770-200
	200 mm, replaceable blade	770-201
	360 mm, replaceable blade	770-301
NightKNIFE	Set	773-000
	Set with replaceable blade	773-001
	360 mm	770-300
NightKNIFE & LIGATOR	Set	773-000
	Set with replaceable blade	773-001
LIGATOR	360 mm	770-036
	Bipolar	351-345
ErgoLAP	Monopolar	360-245
	Forceps	101-140
Bipolar cable	Gastro 2.8 mm	131-145

The products have the CE marking according to directive 93/42/EEC and comply with IEC 60601-2-2.



Plug'n Cut COMFORT: The COMFORT SYSTEM automatically recognises the COMFORT instrument, indicates how many times it may still be used and selects the correct parameters for the procedure.

Plug'n Cut: The ARC 400 automatically recognises that a standard instrument has been connected, for example when using existing conventional accessories.