

erbe
power your performance.



APCapplicator

All functions in one hand

All functions at your fingertips

The APCapplicator is a multimodality electro-surgical instrument. In addition to "standard" non-contact argon plasma coagulation, other electro-surgical options are integrated into the handpiece: traditional cutting and coagulation with spatula or needle electrode or argon-assisted modalities as desired.

The APCapplicator will convince you too – like virtually all users from a wide range of specialities.

WHY APCapplicator?

- ✔ Convenient activation of all functions with one hand
- ✔ Light-weight ergonomic design*
- ✔ ReMode function: allows users to toggle between modes and settings from the operating field
- ✔ Instrument detection: Experienced starting settings and optimized argon flow recognized (plug and operate)
- ✔ Sterile single-use product with integrated gas filter*: Immediate OR availability. No reprocessing required

93 %

OF USERS
WOULD RECOMMEND
THE PRODUCT TO A
COLLEAGUE

73 %

OF USERS SAY THAT
ONE-HAND OPERATION
IS AN ADVANTAGE

ADVANTAGES OF ARGON PLASMA COAGULATION

- ✔ Rapid superficial coagulation for uniform hemostasis and ablation
 - particularly for parenchymal tissue (e.g. liver, kidneys) and for diffuse bleeding
 - across larger resection surfaces
- ✔ Non-contact technique
- ✔ Homogenous target tissue effect with limited coagulation depth

ADVANTAGES OF ARGON-ASSISTED ELECTROSURGERY

- ✔ Minimum smoke plume development, improved view of the operating field
- ✔ Minimum carbonization, improved wound healing
- ✔ Variable argon flow, for various applications

* Patented: EP 1 515 659 B, US 7,311,707 B, JP 4435680 B, CN 1665451A
Design Patents: EP 436274, CN ZL200630006257.4, US D577,671S, JP 1287552
Design Patents: EP 2249672, CN ZL201330438131.4KR 30-790653
Design patents pending: US 29/475,689.

The 5 application options

1 Application with APC

Argon plasma coagulation, non-contact
efficient, homogenous coagulation with limited penetration

Applications with argon gas



Argon-assisted cutting
in chemically inert argon gas



Argon-assisted coagulation
in chemically inert argon gas

Applications without argon gas*



Electrosurgical cutting
without argon gas



Electrosurgical coagulation
without argon gas

* At an argon flow of 0 l/min.

Clinical Versatility*

The APCapplicator with its multiple functions can be used for many surgical procedures, whether open or laparoscopic. From incision and mobilization of the target organ, to tissue ablation, and homogenous coagulation – the APCapplicator can do it all. The ReMode function allows you to toggle between settings and modes without having to change instruments.

Gynecology



Coagulation of mammary gland tissue with the APC function

BREAST SURGERY

The user dissects the outer layers of the breast and the mammary gland tissue with the APCapplicator and a needle or spatula electrode with "argon-assisted cutting". The argon gas keeps the view of the dissection plane clear.

BREAST SURGERY, COAGULATION OF DIFFUSE BLEEDING

The non-contact argon plasma coagulation enables rapid, homogenous coagulation of diffuse bleeding with low penetration. The APCapplicator provides optimal functions for all phases of the surgery for applications with non-contact APC or argon-assisted cutting or coagulation.

Visceral surgery



Coagulation of the gall bladder base with the APC function

LAPAROSCOPIC CHOLECYSTECTOMY

When mobilizing the gall bladder the "argon-assisted cutting" function enables clean dissection with minimal bleeding and clear visualization of the surgical site.

LAPAROSCOPIC CHOLECYSTECTOMY, COAGULATION OF BLEEDING

Local or diffuse bleeding of the gall bladder bed can be easily coagulated with non-contact APC function.

PARTIAL LIVER RESECTION

The Glisson's capsule is incised with argon-assisted cutting.

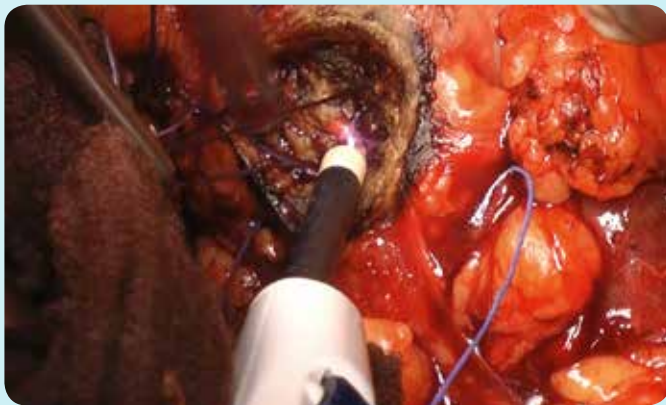
For the resection margin of the highly vascularized liver, the non-contact APC function provides homogenous and uniform hemostasis with minimal coagulation depth.

The workstation for APC and argon-assisted electrocautery

The modules of the VIO/APC workstation system are engineered and developed for the optimal application of both argon plasma coagulation and argon-assisted electrocautery. The APC and electrocautery modes are selected and activated via the VIO display. The stored experienced starting settings can be configured and saved to your specific requirements.



Urology



Homogenous and wide-area coagulation of a kidney resection bed

PARTIAL NEPHRECTOMY

The resection surfaces of the outer kidney parenchyma can be coagulated homogeneously and over a wide area with the APC function.

Thoracic surgery



Coagulation with APC during a lung resection

LOBECTOMY

Resection areas of the lung are coagulated with the non-contact APC function, as is diffuse bleeding on the thoracic wall.

Additional applications for non-contact APC*

- ☑ Open-surgery adrenalectomy (for coagulation of the posterior peritoneal wall or kidney capsule)
- ☑ Esophagus resection
- ☑ Open-surgery hemicolectomy
- ☑ Whipple operation (partial pancreaticoduodenectomy, a Kausch-Whipple procedure)

**Based on performed procedures (user acceptance testing 03/2016)*

APCapplicator

Ergonomics and efficiency

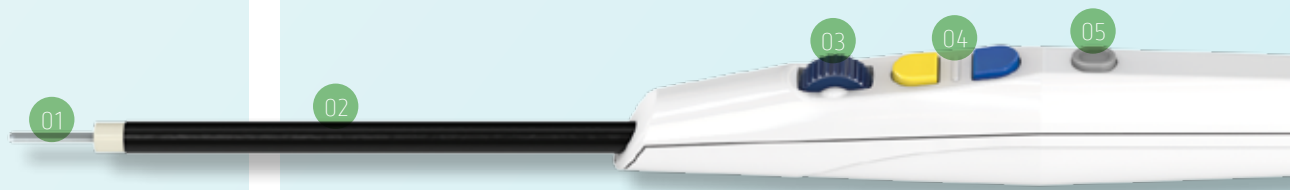
With the APCapplicator, all functions are at your fingertips. The light-weight and ergonomic design promotes more efficient use with limited instrument exchange. Simply connect your instrument to get started.

SHAFT TUBE 01

Exposed electrode length can be adjusted (0–14 mm) while keeping the distal working distance unchanged

SHAFT ROTATION 02

The spatula electrode can be rotated for use at any angle



ROTARY WHEEL 03

The shaft can be extended and retracted

CUT/COAG BUTTONS 04

REMODE BUTTON 05

Enables convenient toggling between program settings and modes

INSTRUMENT DETECTION 06

Connect the APCapplicator and start working; experienced starting settings can be configured

INTEGRATED FILTER 07

Patented safety design*

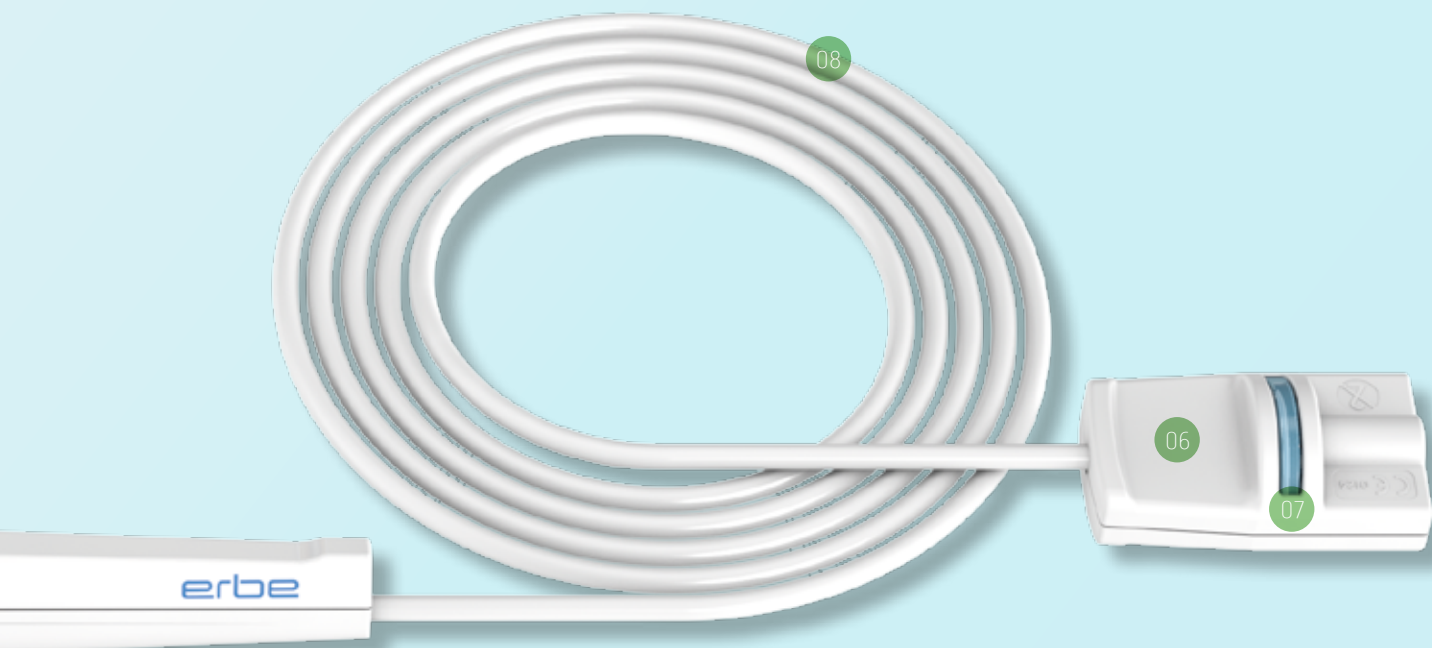
FLEXIBLE CONNECTING CABLE 08

Improved ease of use – like working “virtually without a cable”

Accessories for all models

Adapter for connection to APC 2
with standard APC socket
No. 20132-249





A varied portfolio

APCapplicator, with filter, rigid,
slidable shaft, ø 5 mm, ReMode button, cable 3 m

APCapplicator, 35-mm shaft
Spatula electrode
No. 20132-250

APCapplicator, 100-mm shaft
Spatula electrode
No. 20132-252

APCapplicator, 350-mm shaft
for laparoscopy, spatula electrode
No. 20132-254

APCapplicator, 35-mm shaft
Needle electrode
No. 20132-251

APCapplicator, 100-mm shaft
Needle electrode
No. 20132-253

APCapplicator, 350-mm shaft
for laparoscopy, needle electrode
No. 20132-255

APCapplicator, with filter, malleable,
fixed shaft, ø 5 mm, cable 3 m

APCapplicator, 100-mm shaft,
1 coagulation button
No. 20132-256





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