

# Aesculap Endoscopic Technology

## AdTec® bipolar

THE BLUE (R)EVOLUTION



A new standard for your safety and safety of your patients

# THE BLUE (R)EVOLUTION



Ever since its launch in 1999, the **AdTec<sup>bipolar</sup>** product line has enjoyed great success with its users. And it's no surprise the range's blend of safety, ergonomics and cost-effectiveness makes it a real winner.

**AdTec<sup>bipolar</sup>** combines bipolar electric ablation with a new and previously unheard of level of tactility which makes these instruments safer than ever before for both you and your patients.

This highly innovative product was developed through the use of new materials - ceramic, steel and plastic - and combining these components using new manufacturing technologies.

But there's always room for improvement, even for a product that's already excellent! So Aesculap has systematically refined these instruments, making them even more effective in daily use - and this new generation of instruments is available now - **Evolution**

The stability of the jaw part has been enhanced and the scissors now cut for more effectively, thereby increasing the life of the instruments. In addition, the range has been expanded through the addition of new types of jaws - which means that the range is now more versatile. Also, the instruments are now more readily identifiable in **blue**: blue ceramic inside the jaw, blue insulation in the pull rod, blue marking on the handles.

Why not join the **AdTec<sup>bipolar</sup> revolution** - and experience these exciting new bipolar endoscopic instruments for yourself!



## CONCEPT

**AdTec<sup>bipolar</sup>** stands for a totally new bipolar instrument technology. The most modern materials stand for safety, high tactility, universal application and, of course, high quality.

Patent: DE 196 08 716  
US 5 853 412

## TACTILITY

### High tactile feeling

- The exact feeling of the touch is transmitted back to the user, letting him decide how firmly he wants to grasp the tissue.

## SAFETY

### Safety up to the tip

- A new design guarantees excellent coagulation results.
- Safe closure of even large arterial vessels.
- No "slipping effect" when grasping and preparing.
- No current leakage thanks to bipolar technology.
- Secure grasping, cutting and precise dissection of delicate structures.

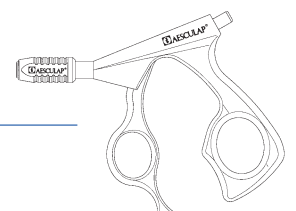
## UNIVERSAL

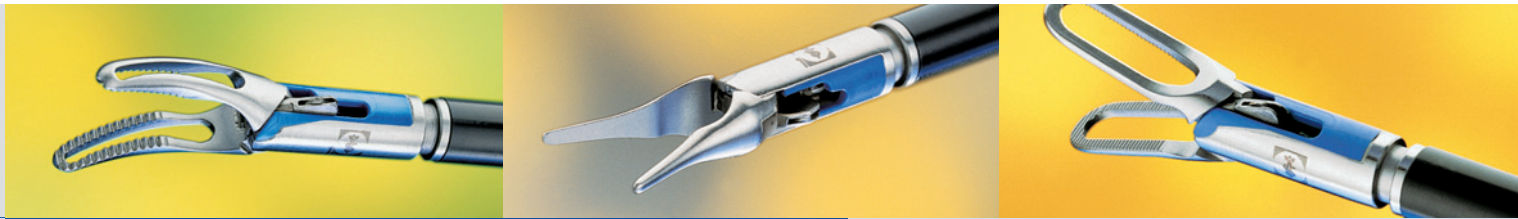
### Modular design

- Simple concept, easy handling: the same features as the monopolar instruments.

### Universal use

- Can be used in all laparoscopic indications in gynaecology, general and vascular surgery.
- For any tissue and delicate structures.

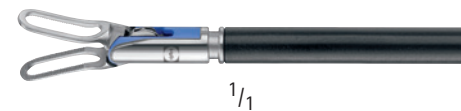
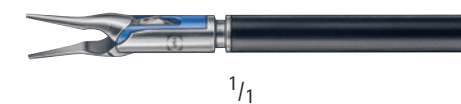
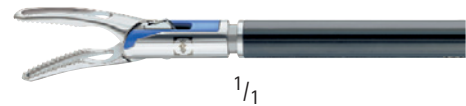
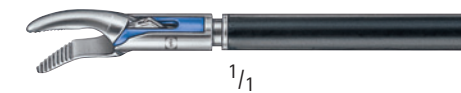





## COST EFFECTIVENESS

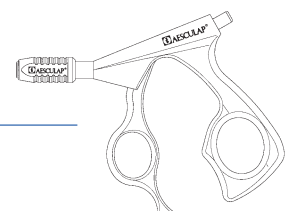
Preparation, care and sterilization of the new range is as convenient, fast and safe as for the monopolar instruments.

The **AdTec<sup>®</sup>bipolar** products are reusable and therefore highly cost-effective. Their modular design allows for inexpensive replacement of individual components as needed.





		Instrument complete	Jaw inserts	Insulated Outer tube	Handle
METZENBAUM Scissors	Working length 220 mm	PM409R	PM439R	PM970R	PM450R
	Working length 310 mm	PM400R	PM430R	PM973R	PM450R
	Working length 420 mm	PM404R	PM434R	PM981R	PM450R
MINI METZENBAUM Scissors	Working length 220 mm	PM414R	PM444R	PM970R	PM450R
	Working length 310 mm	PM407R	PM437R	PM973R	PM450R
MARYLAND Fixation Forceps	Working length 220 mm	PM410R	PM440R	PM970R	PM450R
	Working length 310 mm	PM401R	PM431R	PM973R	PM450R
	Working length 420 mm	PM405R	PM435R	PM981R	PM450R
Maryland Fixation Forceps fenestrated	Working length 220 mm	PM413R	PM443R	PM970R	PM450R
	Working length 310 mm	PM408R	PM438R	PM973R	PM450R
	Working length 420 mm	PM415R	PM445R	PM981R	PM450R
Micro Fixation Forceps	Working length 310 mm	PM402R	PM432R	PM973R	PM450R
Macro Fixation Forceps	Working length 220 mm	PM412R	PM442R	PM970R	PM450R
	Working length 310 mm	PM403R	PM433R	PM973R	PM450R
	Working length 420 mm	PM406R	PM436R	PM981R	PM450R
	Protecting Cap	PM433220			





## Coagulation cables with AESCULAP tab connector

on the instrument side ← → on the equipment side



GN073 3.5 m

GN077 5.0 m

Cable for **AESCULAP** (GK055, GN060, GN300, GN360, GN640)  
Martin, Berchtold, Wolf



GK200 3.5 m

Cable for Valleylab, Codman, Conmed, Olympus, ACMI  
Erbe international



GK202 3.5 m

Cable for AESCULAP (GK020, GK021, GK030, GK034, GK050, GK051)



GK216 3.5 m

GK213 5.0 m

Cable for Erbe (ACC, ICC, VIO), Karl Storz



GK217 3.5 m

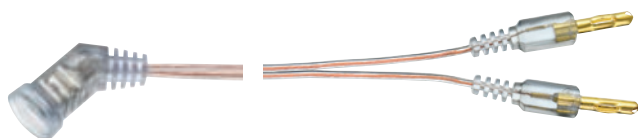
Cable for Codman

GK193 3.5 m

Cable for Valleylab with fixed pin-distance (29mm)

GK196 3.5 m

Cable for EMC/Dolley with fixed pin-distance (22mm)  
(Not illustrated)



GK211 3.7 m (Single use)

Cable for Valleylab, Codman, Conmed, Olympus, ACMI



**STERILIT®**  
JG600

AESCULAP Oil Spray in 300 ml can  
(ozone-friendly), for maintenance of  
instruments prior to sterilization.  
Physiologically inert acc. to DAB and § 31  
LMBG (German Pharmacopoeia).



**STERILIT®**  
JG598

AESCULAP Instrument Oil for box locks, ratchets etc. prior to  
sterilization. Physiologically inert acc. to DAB and § 31 LMBG  
(German Pharmacopoeia).



**AdTec**®Single use

**METZENBAUM  
bipolar scissors**

- Excellent coagulation results
- Jaw parts feature ceramic insulation

All Aesculap endoscopy products  
on our Internet homepage :



...just a click away!



# AESCULAP®

**B | BRAUN**  
SHARING EXPERTISE

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