

# Aesculap® AdTec® bipolar

THE BLUE (R)EVOLUTION



Aesculap Endoscopic Technology

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

**AdTec bipolar** combines bipolar electric ablation with a new level of tactility.

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. So Aesculap has systematically refined these instruments, making them more effective in daily use - and this new generation of instruments is available now - **Evolution**.

The stability of the jaw part time has been enhanced and the scissors now cut 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 bipolar revolution** - and experience these exciting new bipolar endoscopic instruments for yourself!



## CONCEPT

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**AdTec bipolar** stands for a new bipolar instrument technology. Modern materials stand for stability, high tactility, universal application and, of course, high quality.

Patent: DE 196 08 716  
US 5 853 412

## RELIABILITY

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### Reliability up to the tip

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

## TACTILITY

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### 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.

## UNIVERSAL

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### Modular design

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

### Universal use

- Can be used in laparoscopic indications in gynaecology, urology, 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 reliable as for the monopolar instruments.

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



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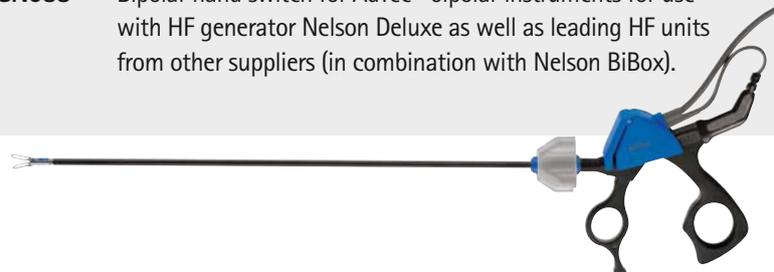
		Instrument complete	Jaw inserts	Insulated outer tube	Handle
METZENBAUM Scissors	Working length 220 mm	PM409R	PM439R	PM970R	PM450R
	Working length 310 mm	PM400R	PM430R	PM973R	PM450R
	Working length 420 mm	PM404R	PM434R	PM981R	PM450R
MINI METZENBAUM Scissors	Working length 220 mm	PM414R	PM444R	PM970R	PM450R
	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			

# Bipolar cables with Aesculap® tab connector



Article-No.	Pin Distance	Description
GK342	ø 8 mm/ ø 4 mm	4 m length, suitable for units like: ERBE, Storz
GN140	ø 5 mm/ ø 2 mm	Round pin, 4 m length, suitable for units like: Aesculap, ACMI, Berchtold, Martin, Wolf
GK280	22 mm	4 m length, suitable for units like: Dolly, EMC, ERBE-International
GK281	28.6 mm	4 m length, suitable for units like: Aesculap, BOWA, EMC, Lamidey, Söring, Valleylab
GK282	38 mm	4 m length, suitable for units like: Codman CMC II, CMC III
GK290SU 	22 mm	3.7 m length, suitable for units like: Dolly, EMC, ERBE-International
GK291SU 	28.6 mm	3.7 m length, suitable for units like: Aesculap, BOWA, EMC, Lamidey, Söring, Valleylab
GK292SU 	38 mm	3.7 m length, suitable for units like: Codman CMC II, CMC III
<b>GN088</b>	Bipolar hand switch for AdTec® bipolar instruments for use with HF generator Nelson Deluxe as well as leading HF units from other suppliers (in combination with Nelson BiBox).	

For further cables and adapters see our brochure C30481.



**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

**Bipolar single use instruments**

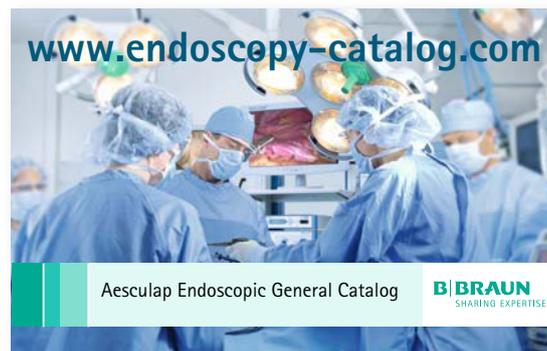
- Excellent cutting performance
- Jaw parts feature ceramic insulation
- Insulated to the tips

All Aesculap endoscopy products on our Internet homepage:



**JG600**

**JG598**



...just a click away!

