



# MEDICAL SECTOR

ELECTROSURGICAL UNIT



## Kalstein®

A different accompaniment, at your service





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## Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



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In any part of the world, receive your induction or training from our specialized team of engineers



### Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



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Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



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Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



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We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



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With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



**KALSTEIN® Electrosurgical Unit**  
**Electrosurgical Generators**  
**Model YR02144**



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# KALSTEIN® Electrosurgical Unit

## Electrosurgical Generators

### Model YR02144



#### Features:

- ✓ 7 nonpolar and 3 bipolar outputs are available.
- ✓ The electrosurgical generator ensures smooth cutting through all types of tissue.
- ✓ It realizes automatic recognition of return electrode, whether solid or spilt.
- ✓ It offers automatic current monitoring and program memory functions.
- ✓ The argon module is optional for enhanced cutting and coagulation.
- ✓ Optional adaptor for laparoscopy and thoracoscopy application.
- ✓ The electrosurgical generator has an easy to use interface.
- ✓ It features isolated output, all floating.

#### Product Description:

Electrosurgical generator combines versatility and safety, for all general electrosurgical procedures such as cutting and coagulation in clinics, offices and emergency rooms. YR electrosurgical generator offers a maximum power output of 400 watts.

#### Application:

YR well combines safety and effectiveness for a broad range of electrosurgical needs, such as General surgery, Cardiology, ENT surgery, Gastroenterology, Gynecology, Laparoscopy, Neurosurgery, Plastic surgery, Thoracic surgery and Urology.



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## Electrosurgical Generators

### Model YR02144



#### Technical Description:

Model	YR02144			
Monopolar				
Cutting mode	Max. Output power (watts)	Load (ohms)	Open circuit Vp-p	Crest factor
Pure	400 watts	500 Ω	2,300v	Sun May 01 2022 00:00:00 GMT + 0200 (Central European Summer Time)
Mix 1	300 watts	500 Ω	2,700v	Sun Jan 02 2022 00:00:00 GMT + 0100 (Central European Standard Time)
Mix 2	200 watts	500 Ω	3,200v	Mon May 02 2022 00:00:00 GMT + 0200 (Central European Summer Time)
Mix 3	150 watts	500 Ω	3,700 v	Mon Jan 03 2022 00:00:00 GMT + 0100 (Central European Standard Time)
Coagulation mode				
Point	120 watts	500 Ω	5,600v	Thu Jan 06 2022 00:00:00 GMT + 0100 (Central European Standard Time)
Gentle	120 watts	500 Ω	3,400 v	Thu Jan 06 2022 00:00:00 GMT + 0100 (Central European Standard Time)
Spray	120 watts	500 Ω	8,500 v	Tue Mar 08 2022 00:00:00 GMT + 0100 (Central European Standard Time)
Bipolar				
Cutting mode				
Standard	70 watts	200 Ω	1,450v	Sun May 01 2022 00:00:00 GMT + 0200 (Central European Summer Time)
Coagulation mode				
Standard	70 watts	500 Ω	240v	Sun May 01 2022 00:00:00 GMT + 0200 (Central European Summer Time)
Precise	70 watts	200 Ω	360v	Sun May 01 2022 00:00:00 GMT + 0200 (Central European Summer Time)



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**Electrosurgical Generators**  
**Model YR02144**



Connecting accessories and supplies	
Finger pencil	two
Foot switch pencil	one
Patient return electrode	one
Foot switch	one
Ac power supply	one
Potential equalization	one
Power characteristic	
Rate frequency	512 kHz (110 / 240vAC, 60 / 50Hz)
Isolated output	YES
Quantitative visualization of the contact area	YES, for the «Split» type of neutral electrode
Contact area indicator lamp	10 lamps (one for 10% contact), alarm beep and flash if contact <20%
Definition of Solid / Split Neutral Electrode	YES, the 'Split' or 'Solid' indicator light comes on
Adjustable alarm volume	YES
Operating duty cycle	10 seconds ON, 30 seconds OFF
Cooling method	Convection
Regulation	
Type According to EN 60601-1	CF
Protection class according to EN 60601-1	class I
Classification acc. According to MDD 93/42 / EEC	IIb
Physical	
Dimension (WxDxH)	460 x 410 x 160 mm
Weight	11.2 kg



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PARIS - FRANCE  
**HEADQUARTER**  
2 Rue Jean Lantier  
75001 Paris - France

**Tlf:** +33 (0) 01 78 95 87 89  
**Cel:** +33 (0) 6 80 76 07 10  
[sales@kalstein.eu](mailto:sales@kalstein.eu)

<https://kalstein.eu/>  
<https://www.kalstein.fr/>

