VIMS
a Zimmer Biomet Company

ARTHRO VIMS®

PLASMA RADIOFREQUENCY SYSTEM FOR ARTHROSCOPY

SPORT MEDICINE
ADVANCED TECHNOLOGY

www.vims-system.com

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VIMS offers a **complete range** of equipment for arthroscopic surgery: dual flow **pump, shaver**, and plasma **radiofrequency**.

ARS900 GENERATOR SURGICAL PLASMA RADIOFREQUENCY SYSTEM

The plasma radiofrequency system allows rapid resection, ablation, coagulation and haemostasis of soft tissue at a relatively low temperature to ensure a clear surgical view during arthroscopic procedures.

- Unique radio frequency emission control technology
- Generation of plasma energy by minimising thermal energy in the joints
- Automatic protection: The electrical circuit system can continuously monitor the power output and automatically suspend it in case of emergency
- Temperature control technology: the generator automatically optimises the output value according to the state of the plasma layer
- Automatic identification of the disposable control electrode, foot switch and power cable
- Waterproof and pressure-resistant control pedal identified by different colours and sounds
- Two working modes:

  ABLATE for resection and ablation, activated by the yellow control panel and the yellow foot pedal.

  COAG for coagulation and haemostasis, activated by the blue control panel and the blue foot pedal.

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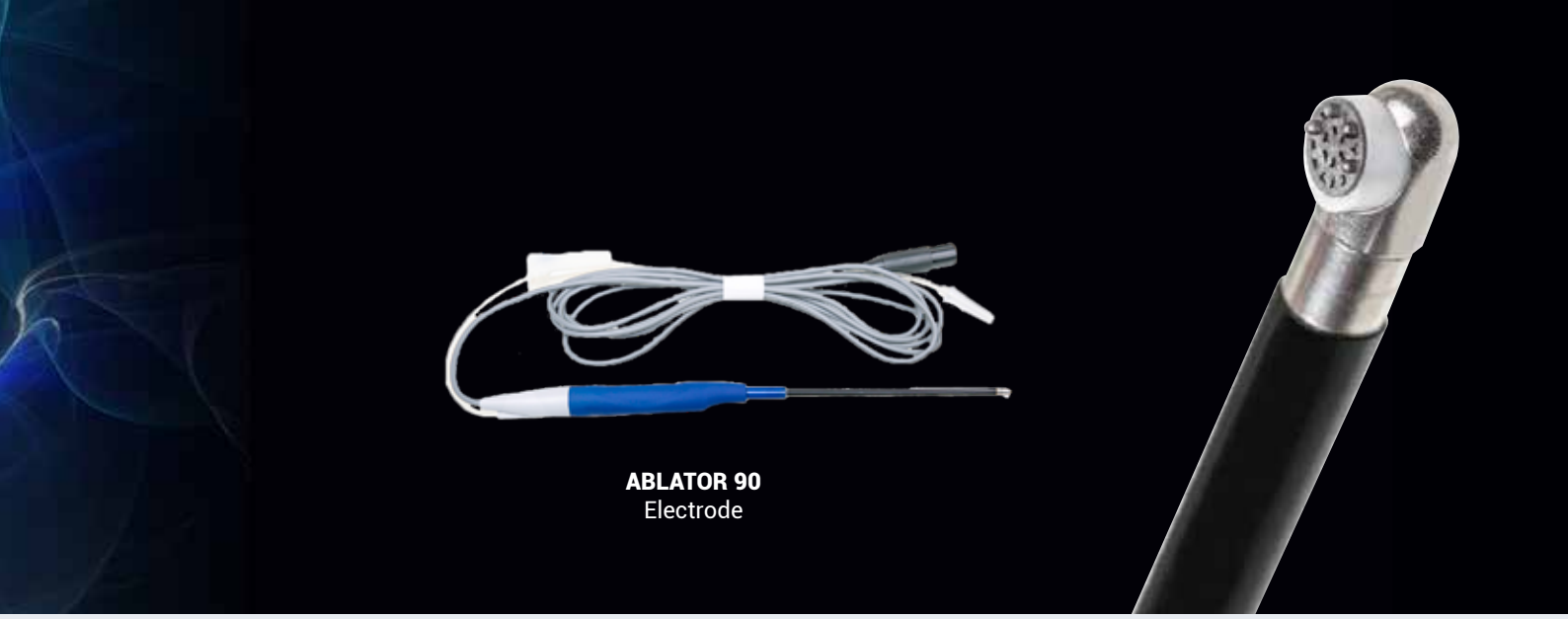


ABLATOR 90
Electrode

ABLATOR 90 ELECTRODE

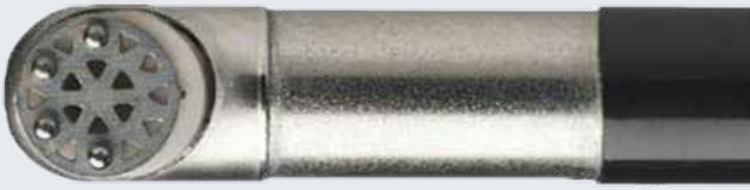
The innovative design of the uniquely shaped, star-shaped suction port enhances its suction capacity.

Fast and accurate ablation allows for efficient surgical results.

Powerful coagulation produces an excellent hemostasis effect.

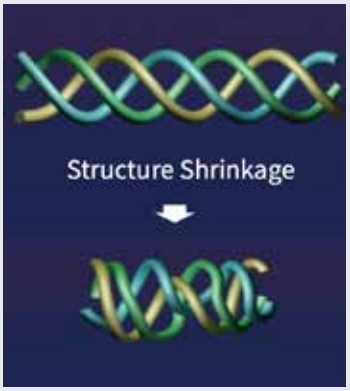
The classic 90-degree tip design allows easy access to the lesion and precise ablation and haemostasis.

Several types of electrodes and angulations are available, please contact VIMS for more information.



ABLATE

The radio frequency energy passes through the electrode and then through the conductive saline solution and generates a plasma sheath of massive charged particles focused around the electrodes. The energy generated is powerful enough to break down organic molecular bonds within the tissue and rapidly dissolve it at the molecular and atomic level at a temperature of 40-70°C.



COAGULATE

When RF energy acts on the tissue, including blood, around the electrode tip, it generates Joule heat and an electromagnetic wave effect that ensures immediate coagulation of tissue proteins and blockage of small blood vessels, thus achieving coagulation and haemostasis of the targeted tissue while preserving mucosa and fibrous tissue.

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STORAGE

The Plasma Surgical System Radiofrequency Generator disposable electrodes must be stored in its original unopened packaging, in a clean and dry place, at ambiant temperature.

HANDLING

It is recommended to clean the generator and accessories daily with a disinfectant wipe. For any further information, please refer to the IFU.

DESIGNATION	REFERENCE
GENERATOR Surgical plasma radiofrequency system	ARS900
CONSUMABLES Ablator 90	AC405B

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CE 0197
CLASSE IIb

Document design date : January 2022 - Manufaturer : JIANGSU BONSS MEDICAL TECHNOLOGY Brand Name : Surgical Plasma Radiofrequency System (Generator- Surgical electrodes- Footswitch) - Medical Device CLass: IIb - CE Mark N° : 0197 - User : Health Professional - Recommendations for use : it is highly recommended to read the labels and the IFU BR_PLASMA_RADIOFREQUENCY_EN_V03