



Wellmed Pro | Wellview Universal Group

TECHNICAL DATA SHEET

YSRFS-100A Spine RF Plasma Surgical System

Wellmed Pro YSRFS-100A Low Temperature RF Plasma Ablation Device Orthopedic Spine Radio Frequency Plasma Surgical System

Introduction:

To address the need for an alternative to major surgery, we offer the Low Temperature Plasma Ablation System using low thermal plasma-mediated ablation technology to precisely cope with lesions of soft-tissue types via molecular disintegration. Such surgery system consists of a Controller which generates the ablation energy, Plasma Wand(s) and Patient Cable for single use, Foot Control, and a Flow Control Valve Unit. The Controller is designed to deliver ablation energy to the active electrode(s) at the distal end of the Plasma Wand. It works either at a lower voltage, creating a non-plasma-forming working condition, causing tissue shrinkage, or at a higher voltage plasma-forming condition that can cut tissue rapidly with minimal collateral tissue damage. The Controller functions under a radio frequency excitation frequency of 100 kHz. The Plasma Wand is a bipolar surgical device. It is disposable and available in different configurations consisting of multiple electrodes.

Functional Features:

- Universal utilities in ENT, Spinal and Arthroscopic surgeries
- Performing gentle, precise soft tissue removal at low temperatures (between 40° and 70°C) in the well defined area
- Multiple functions: ablation(low temperature plasma excision), cutting, coagulation and hemostasis
- Bipolar energy delivery provides enhanced control and precision, eliminating the need for patient return pad
- Multi-electrode technology
- Low operating frequency- 100kHz
- A wide selection of Plasma Wands: available in different sizes and configurations to meet different anatomical needs of specific surgical procedures
- Versatile Wand combining integrated ablation, suction, saline irrigation, and hemostasis capabilities allows for efficient procedure
- All-screen LCD display demonstrates operating modes, Controller set points and error messages
- Flow control valve unit ensures procedural convenience
- Foot Control maximizes user efficiency and OR flexibility
- Unique square waveform delivers ablation energy more rapidly
- Easy set-up procedure guarantees OR efficiency
- PFC circuit helps reduce environmental risks

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Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.