



PRECISION
ELECTROSURGERY

CURIS® II

4 MHz Radiofrequency Generator



One device. Many applications.

The CURIS® II 4MHz radiofrequency generator offers many possibilities for a wide range of indications

Impedance-Controlled 4 MHz Radiofrequency Technology

CURIS® II

4 MHz Radiofrequency Generator



1 4 MHz Radiofrequency

The CURIS® II 4 MHz radiofrequency generators rely on impedance – controlled 4 MHz technology in all monopolar and bipolar modes.



2 AutoRF™

AutoRF™ is an intelligent impedance control function that automatically adjusts the power output of the CURIS® 4 MHz generators to the current tissue condition. Whether cutting different tissue types or dealing with changing impedance during coagulation, AutoRF™ delivers the required power precisely as needed.



3 p3™ Technology

p3™ (pulsed power performance) is active in selected coagulation modes of the CURIS® 4 MHz generators. Its pulsed energy delivery enables precise control, with short pauses between pulses supporting targeted coagulation while minimizing thermal spread.



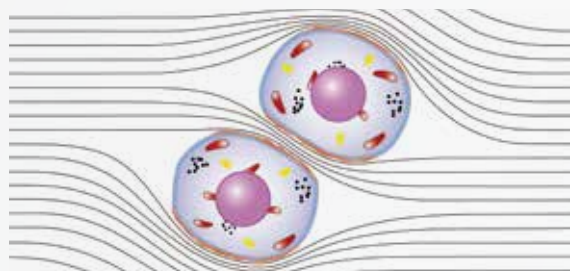
4 Instrument Recognition System

The Instrument Recognition System automatically adjusts mode and power based on the detected instrument. This feature streamlines procedures by ensuring each compatible Sutter instrument is optimally configured, enhancing convenience and precision.

Intracellular Current Conduction at 4 MHz Radiofrequency

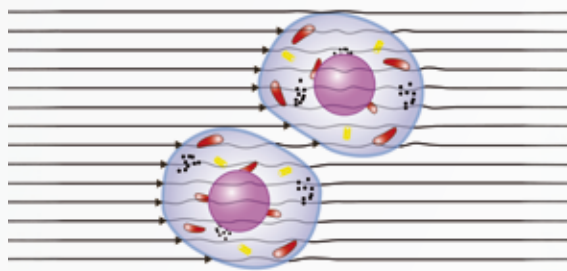
The higher the frequency of the current, the more easily it passes through cell membranes into the cells, and because the CURIS® II uses a much higher frequency than conventional devices, it can affect tissue more precisely and gently.

Conventional electrosurgical units (between 300 - 500 kHz)



The electromagnetic field concentrates between the cells and heats up only the outer layer.¹

CURIS® 4 MHz radiofrequency generators



Cell membranes are conductive and the energy is absorbed evenly inside the cells. The results are highly focussed tissue effects.¹



CURIS® flow Irrigation Pump

incl. IV pole mounting bracket, main cord and interconnecting cable

35 09 50

optional IV-Pole
for CURIS® Cart
36 09 03

CURIS® II 4 MHz Radiofrequency Generator

incl. main cord, user's manual and test protocol

36 01 00 - 05

CURIS® Cart

incl. storage drawer and mounting set for CURIS® and CURIS® II generator

36 09 02 - 01 fully assembled delivered

36 09 02 - 05 for self-assembly

CURIS® II Radiofrequency Generator & Accessories

Qty.	REF	Description
1	36 01 00 - 05	CURIS® II 4 MHz radiofrequency generator (incl. main cord, user's manual and test protocol)
1	36 01 08	Foot switch with one pedal and flush button (coag only)
1	36 01 12	Foot switch with two pedals and flush button (cut & coag)
1	36 01 07	Foot switch with one pedal (coag only)
1	36 01 14	Foot switch with two pedals and holding bracket (cut & coag)
1	35 09 50	CURIS® flow Irrigation Pump (incl. IV pole mounting bracket and interconnecting cable)
1	36 09 02 - 01	CURIS® Cart assembled (incl. storage drawer and mounting set for CURIS® and CURIS® II generator)
1	36 09 02 - 05	CURIS® Cart unassembled (incl. storage drawer and mounting set for CURIS® and CURIS® II generator)
1	36 09 03	optional IV-Pole for CURIS® Cart

Product availability is subject to regulatory approval in individual markets. Products may therefore not be available in all markets.

CURIS® Technical data

Mains supply	100-240 V; 50/60 Hz
Power consumption	Without RF output Approx. 50 VA At max. output power Approx. 500 VA
Measurements W x H x D	313 mm x 166 mm x 408 mm
Weight	Approx. 5.0 kg/ 11lb
Operating Mode	Intermittent INT 10 s / 30 s corresp. 25% ED
Standards	IEC 60601-1 IEC 60601-1-2 IEC 60601-2-2 IEC 60601-1-6
Safety class	I
Type	CF (cardiac floating) defibrillator safe
Protection Level	IP20

RF output max.	performance	oper. frequency
monopolar		
CUT 1	120W ± 20 % 700 Ω	4.0 MHz
CUT 2	90W ± 20 % 700 Ω	4.0 MHz
COAG CONTACT	90W ± 20 % 500 Ω	4.0 MHz
COAG SOFTSPRAY	70W ± 20 % 700 Ω	4.0 MHz
bipolar		
BICUT	80W ± 20 % 300 Ω	4.0 MHz
COAG MACRO	80W ± 20 % 60 Ω	4.0 MHz
COAG PRECISE	50W ± 20 % 60 Ω	4.0 MHz
RaVoR™	40W ± 20 % 60 Ω	4.0 MHz

Disclaimer: The information presented herein has been carefully researched and compiled with the help of specialist physicians. They are not meant to serve as a detailed treatment guide. They do not replace the user instructions for the medical devices used. Sutter accepts no liability for the treatment results beyond the mandatory legal regulations.

¹ Holder, D S "Brief introduction to Bioimpedance" in: Electrical Impedance Tomography-Methods, History and Applications. IOP Publishing Ltd 2005.

SUTTER MEDIZINTECHNIK GMBH · ALFRED-WALZ-STR. 22 · 79312 EMMENDINGEN/GERMANY
TEL. +49(0)7641-96256-0 · FAX +49(0)7641-96256-30 · WWW.SUTTER-MED.COM · INFO@SUTTER-MED.DE



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