



ELECTROSURGICAL UNITS

KENTAMED ACTIS-400



APPLICATION: Any surgical procedure including open surgeries, monopolar and bipolar laparoscopic applications, TURP, arthroscopy as well as other applications in wet environment.

USE: Operating rooms.

DESCRIPTION: KENTAMED ACTIS-400 can generate enough power to be used in any major surgery. This unit is also suitable for TURP and laparoscopic surgery. The powerful and soft monopolar coagulation (COAG) is very efficient for long-term prevention of recurrent bleeding in gynecological surgery and other procedures where deep, non-carbonizing coagulation is required. The unit can perform bipolar cutting (BiCUT) which has been found useful in proctology, gynecology and general surgery.

- ❖ Microprocessor controlled
- ❖ Robust self-testing and error handling algorithms
- ❖ 6 monopolar operating modes:
 - CUT, BLEND1 and BLEND2 offer reliable cutting through various types of tissue with a different degree of coagulation.
 - There are three different monopolar coagulation modes: COAG for deep non-carbonizing coagulation, FORCED for superficial carbonizing coagulation and SPRAY for typical spray applications.
- ❖ Three bipolar applications, each of which pre-sets both bipolar cutting and bipolar coagulation: IN SALINE for bipolar cutting and coagulation with resectoscopes and arthroscopes, STANDARD for bipolar applications in open surgeries and LAPARO for laparoscopic surgeries.
- ❖ Settings of each mode are stored independently and kept even when the unit is switched off
- ❖ The settings of the entire interface of the unit can be stored in 9 different programs
- ❖ Output power failure detection system
- ❖ 3 year warranty.

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Technical Characteristics				
MONOPOLAR	Mode		Maximal Output Power	Crest Factor
	Pure CUT		400 W / 500 Ohms	1.5
	Blend 1		320 W / 500 Ohms	1.8
	Blend 2		240 W / 500 Ohms	2.1
	Soft COAG		150 W / 300 Ohms	1.5
	Forced COAG		150 W / 500 Ohms	2.1
Spray COAG		70 W / 2000 Ohms	6.0	
BIPOLAR	In Saline	BiCUT	400 W / 50 Ohms	1.5
		BiCOAG	150 W / 50 Ohms	1.5
	Standard	BiCUT	220 W / 200 Ohms	1.5
		BiCOAG	150 W / 50 Ohms	1.5
	Laparo	BiCUT	220 W / 200 Ohms	1.5
		BiCOAG	200 W / 25 Ohms	1.5
Working Frequency [KHz]			360	
Modulation Frequency [kHz]			24	
Patient Safety			NEMSY (Neutral Electrode Safety System), (NE)	
			Power Failure (PF)	
			Overheating (OH)	
Activation			Double Footswitch and Fingerswitch Handle	
Applied Parts Type			BF	
Dimensions [W x D x H] in mm			400 x 455 x 170	
Weight [kg]			16.5	

STANDARD SET OF ACCESSORIES:

- ✓ 2 reusable fingerswitch handle with 3 m cable
- ✓ 6 reusable monopolar active electrodes
- ✓ 1 reusable SPLIT neutral electrode (NE) with silicone belt for fixation to the patient's body
- ✓ 10 single use self-sticking SPLIT neutral electrodes (NE)
- ✓ 1 reusable cable for split NE
- ✓ 1 reusable bipolar cable, 3 m
- ✓ 1 reusable bipolar forceps
- ✓ 1 double footswitch or 1 double footswitch with extra button for redirection to monopolar or bipolar section
- ✓ 1 power cord, 3 m
- ✓ 1 User Manual

OTHER ACCESSORIES – available upon request

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