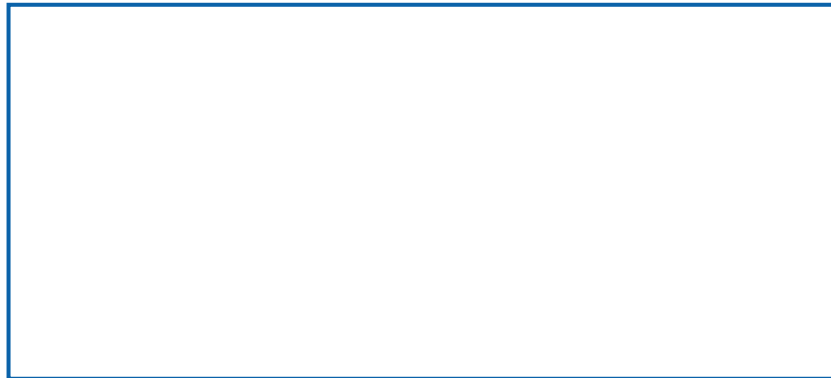


00498.04	Bipolar adapter
00500.L11	Needles for micro-surgery (5 pcs)
00100.01	Power supply cable 5m 3x1.5mm SIEMENS-IEC
00404.06	Cable for connection neutral plate
0210	Disposable blade electrode 7 cm (3 pcs)
0230	Disposable ball electrode 15 cm (3 pcs)
0220	Disposable needle electrode 15 cm (3 pcs)
5365	Steel neutral electrode for 00404.06
0350	Disposable neutral electrode (2 pcs)
F7920	Disposable split neutral electrode (2 pcs)
00500.00	Kit of assorted electrodes (10 pcs)
00201.00	Handle for microsurgical needle
2835P	Reusable handle with finger switches
00302.00	Waterproof foot switch
MA159	Manual of instructions



LED SpA

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SURTRON[®]

FLASH 200

MONOPOLAR AND BIPOLAR
PROGRAMMABLE
DIATHERMOCOAGULATOR UNIT



AESTHETIC SURGERY
CASUALTY
DERMATOLOGY
ENDOSCOPY
FIRST AID
GASTROENTEROLOGY
GENERAL SURGERY
GYNECOLOGY
NEUROSURGERY
OCULISTCS
ORTHOPEDICS
OTORHINOLARYNGOLOGY

PEDIATRIC SURGERY
PLASTIC SURGERY
PNEUMOLOGY
UROLOGY
VASCULAR SURGERY
VETERINARY



Data, descriptions, dimensions, weights and illustrations are purely indicative. Manufacturer reserved the right to modify them without warning.

www.surtron.com



SURTRON[®] FLASH 200

Maximum output power CUT	200W - 250Ω
Maximum output power CUT 90%	200W - 250Ω
Maximum output power CUT 80%	200W - 250Ω
Maximum output power CUT 70%	200W - 250Ω
Maximum output power BLEND	120W - 200Ω
Maximum output power FORCED COAG	150W - 150Ω
Maximum output power SOFT COAG	90W - 100Ω
Maximum output power BIPOLAR	100W - 100Ω
Working frequency	600 kHz
Patient circuit	F
Mains voltage	115-230 Vac
Mains frequency	50-60 Hz
Electrical input power	350 VA
Size HxLxD mm	360x150x265
Weight Kg	8

- Patient to plate contact control
- Split or not split return electrode use allowed
- Minimally invasive surgical treatment allowed
- Monopolar cut and coagulation or bipolar coagulation
- Working condition storing
- RF power pulse emission time
- RF power pulse repetition
- Power delivery by pedal and/or handle
- Digital regulation and indication of the output power
- Sound level control
- Adjustable power increment



SURTRON FLASH 200 is a proper diathermo-coagulator to monopolar or bipolar precise surgery.

SURTRON FLASH 200, allows to effect surgical minimally invasive treatment of resection, evaporation and coagulation with programmable delivery time as short as thousandths of a second or for the whole time requested by a handpiece or a footswitch.

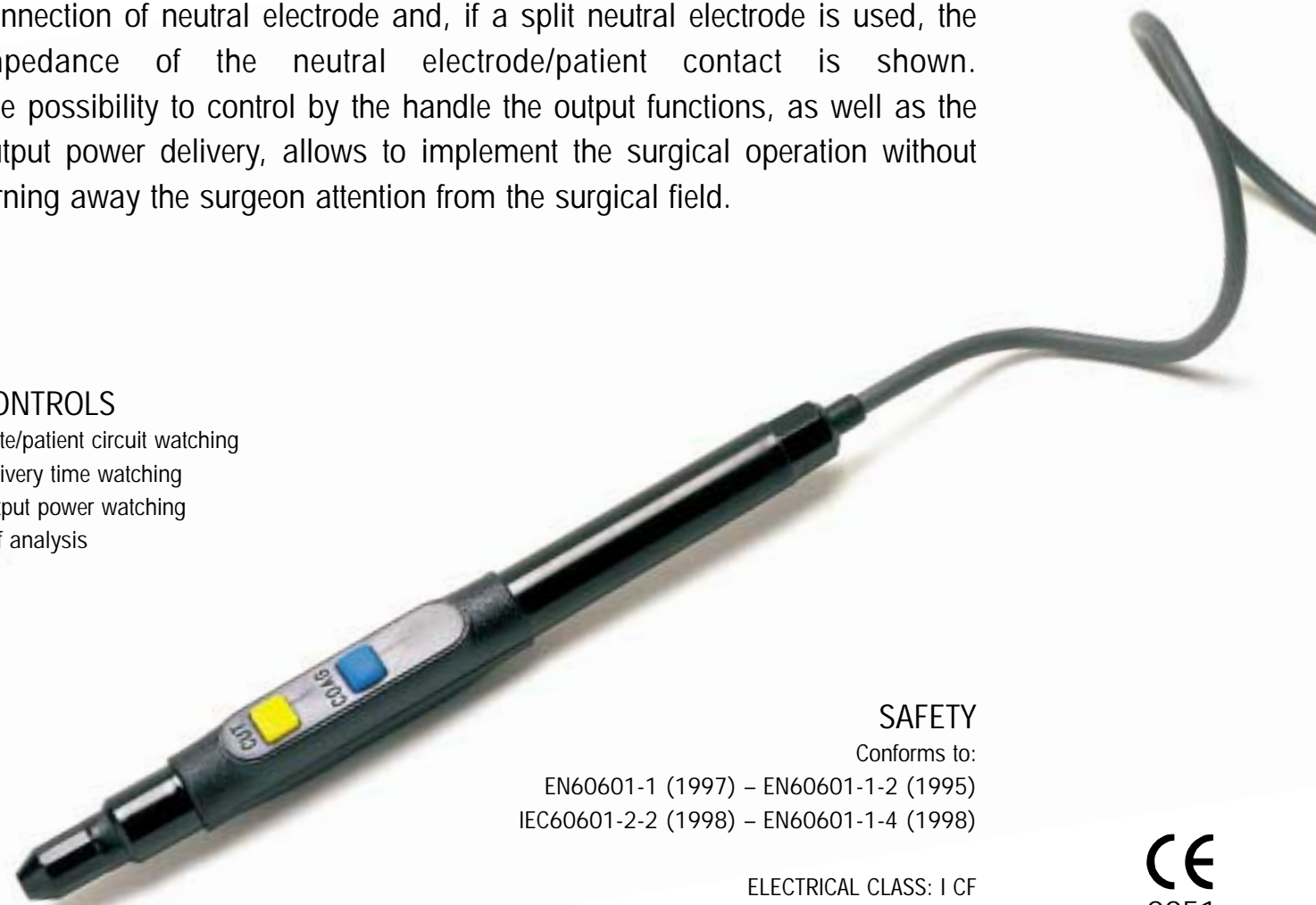
SURTRON FLASH 200, through the selection of the functions, it lets to effect pure (CUT), coagulated-cut with different modulation duty-cycle (CUT 90%-CUT 80%-CUT 70%-BLEND), surface coagulation (FORCED COAG), depth coagulation in absence of carbonization (SOFT COAG) and, with special adapter, bipolar coagulation (BIPOLAR).

The digital reading of the delivered power and the overseeing through microcontroller of the operational functions, assure the absolute reliability of the conditions of job.

SURTRON FLASH 200, by the ergonomic and safety solutions utilised, allows a highly professional surgery. It is continually monitored the connection of neutral electrode and, if a split neutral electrode is used, the impedance of the neutral electrode/patient contact is shown. The possibility to control by the handle the output functions, as well as the output power delivery, allows to implement the surgical operation without turning away the surgeon attention from the surgical field.

CONTROLS

- Plate/patient circuit watching
- Delivery time watching
- Output power watching
- Self analysis



SAFETY

Conforms to:

EN60601-1 (1997) – EN60601-1-2 (1995)
IEC60601-2-2 (1998) – EN60601-1-4 (1998)

ELECTRICAL CLASS: I CF
MDD 93/42/CEE CLASS: II b

