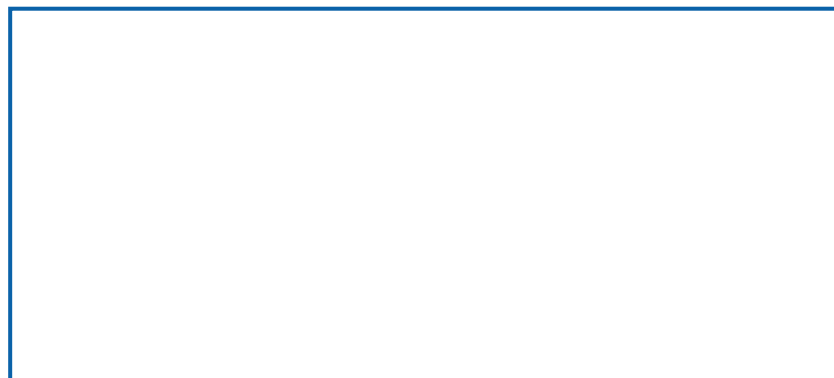


00498.04	Bipolar adapter
00100.01	Power supply cable 5m 3x1.5mm SIEMENS-IEC
00404.06	Cable for connection disposable/5365 neutral plate
0210	Disposable blade electrode 7 cm (3 pcs)
0230	Disposable ball electrode 7 cm (3 pcs)
0220	Disposable needle electrode 7 cm (3 pcs)
5365	Steel neutral electrode for 00404.06
F7920	Disposable split neutral electrode (2 pcs)
00500.00	Kit of assorted electrodes (10 pcs)
2835P	Reusable handle with finger switches
00302.00	Waterproof foot switch
MA180	Manual of instructions



LED SpA

PROGETTAZIONI E PRODUZIONI ELETTRONICHE

Via Selciatella, 40 - 04010 APRILIA (LT) ITALY  
Phone +39 06 92870045 Fax +39 06 92870046

www.led.it export@led.it

# SURTRON<sup>®</sup> 200

## MONOPOLAR AND BIPOLAR ELECTROSURGICAL UNIT



CAUSALTY  
ENDOSCOPY  
FIRST AID  
GASTROENTEROLOGY  
GENERAL SURGERY  
GYNECOLOGY  
NEUROSURGERY  
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.



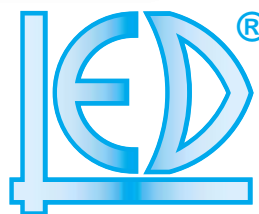
www.surtron.com



# SURTRON<sup>®</sup> 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 CUT	120W - 250Ω
Maximum output power BIPOLAR COAG	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 or bipolar cut and coagulation
- Working condition storing
- Power delivery by pedal and/or handle
- Digital regulation and indication of the output power
- Sound level control
- Adjustable power increment



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

**SURTRON 200**, allows to effect surgical minimally invasive treatment of resection, evaporation and coagulation.

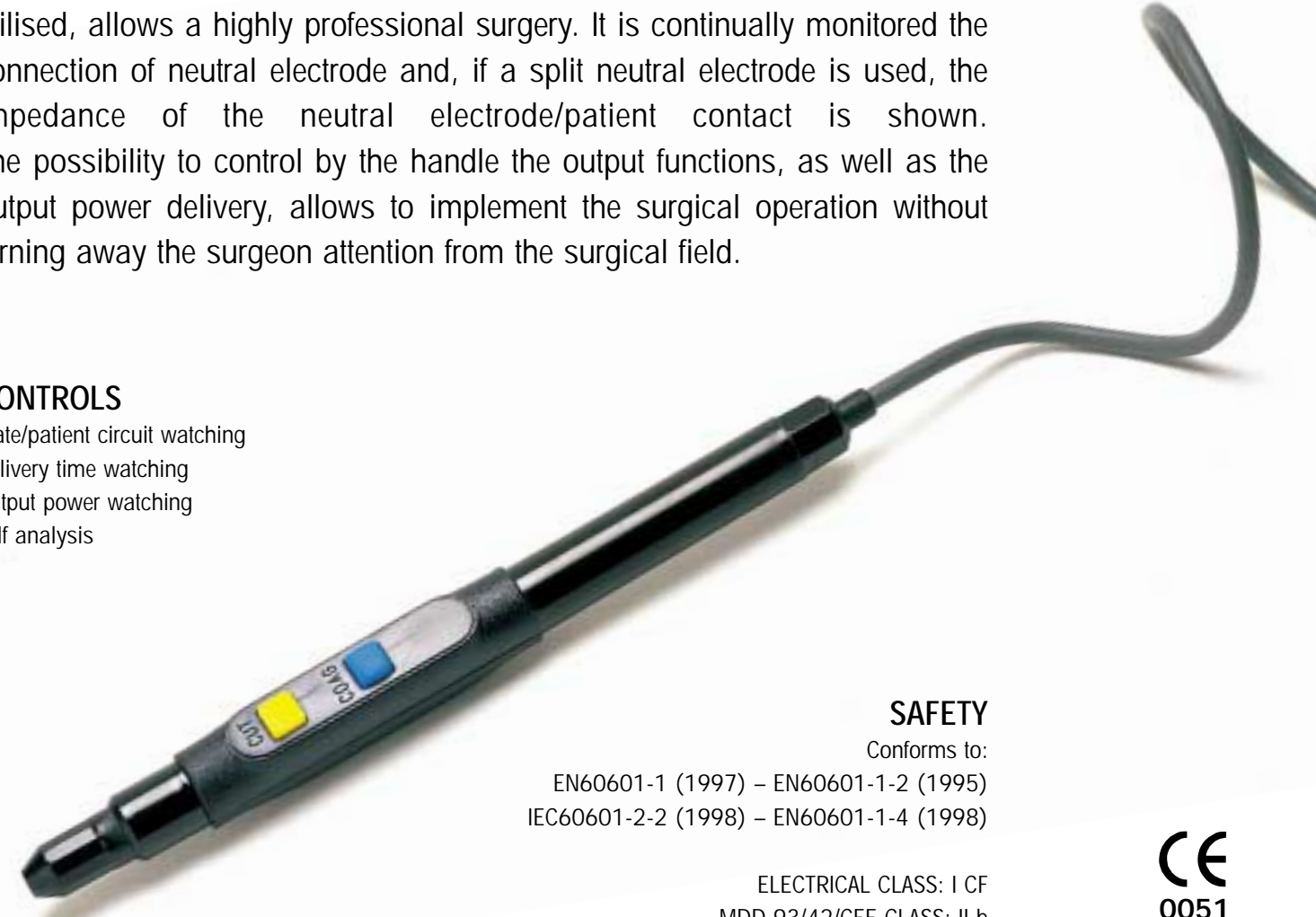
**SURTRON 200** through the selection of the functions, it lets to effect pure (CUT), coagulated-CUT with different modulation duty-cycle (CUT 90%-CUT 80%-CUT 70%-BLEND), surface coagulation (FORCED COAG), depth coagulation in absence of carbonization (SOFT COAG) and, with special adapter, bipolar cut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

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

