



# SURTRON® EVAC

ELECTROSURGERY SMOKE EVACUATOR



- AUTOMATIC AND / OR MANUAL FUNCTIONING
- REGULATION OF THE ASPIRATION FLUX
- AUTOMATIC FUNCTION FOR LAPAROSCOPY
- CONTROL AND INDICATION OF USURY STATUS OF THE FILTER
- FAST SUBSTITUTION OF THE FILTERS
- DIFFERENT TYPE OF FILTERS
- ACTIVATED CARBONS FILTERS FOR THE ELIMINATION OF THE SMELLS



# LED SpA

PROGETTAZIONI E PRODUZIONI ELETTRONICHE

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**SURTRON EVAC** is an aspiration and filtering system for the smokes produced during the surgical procedures.

The smokes, generated during the surgical procedures, have a bad, strong and long smell. These smokes consist of water vapour, organic gas, visible or invisible solid particles and viral parts. So a good aspiration and filtration eliminates bad smells, reduce the bacteriologist and/or viral risks, and solves, the particularly annoying problem of the optimal vision of the zone of the intervention, during the laparoscopic procedures.

In **SURTRON EVAC** the activation of the aspiration can be:  
AUTOMATIC, through electronic

system of survey of the activation of the high frequency electrosurgical unit; **MANUAL**, acting directly on the unit through a foot switch (optional)  
The flux of the aspiration can be regulated to be suitable with the singular necessities. For laparoscopic procedures there is a specific function, quickly selectable.

**SURTRON EVAC** has an electronic control of the aspiration with the indication of the usury status of the filters.



There are two different kind of filter, quickly substituable and constituted by a filtering ULPA type with a active carbons part dedicated to the elimination of the bad smells of the electrosurgical smokes and connector of 7/8" (22mm).  
The filters have an electronic system for the control of the status of use.

## SURTRON® EVAC



Reference codes

Input voltage

Mains frequency

Electrical input power

Max vacuum flow rate

Max static suction

Filter type

Filter efficiency

Particles diameter

Size WxHxD mm

Weight

10200.10 (230 Vac) - 10200.10/115V (115 Vac)

230 Vac or 115 Vac

50 Hz

800 VA

2700 LPM (95 CFM)

250 mbar (83 in H<sub>2</sub>O)

ULPA with active carbon

99,999X%

0,3 micron

370x144x319

4 Kg

### Standard Composition

- Power cable
- First ULPA Filter (5h) - BLU
- Apiration kit: **A** Filter **B** Pipe dia. 22mm lenght 2,4 mt (100")
- 4 Handle apiration kit: **C** Adapter 10mm/22mm **D** Pipe dia.10 Lenght 1,8 mt (72") **E** Clip to fix the pipe on the handle
- F** Adapter for the handle

### Replacement parts

- ULPA Filter (20h) - RED
- Apiration kit (6 pcs)
- Handle aspiration kit (12 pcs)

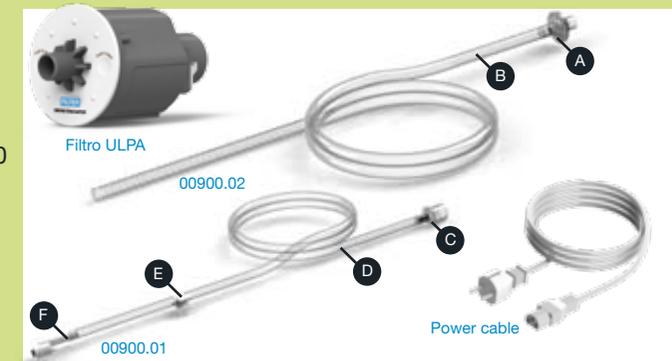
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### FILTER BLUE

The **BLUE** filter is the standard filter and it is included with the unit for a first time of use.

### FILTER RED

The **RED** filter is an optional spare part, created for a long time of use.



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