

# SURTRON® EVAC



**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.

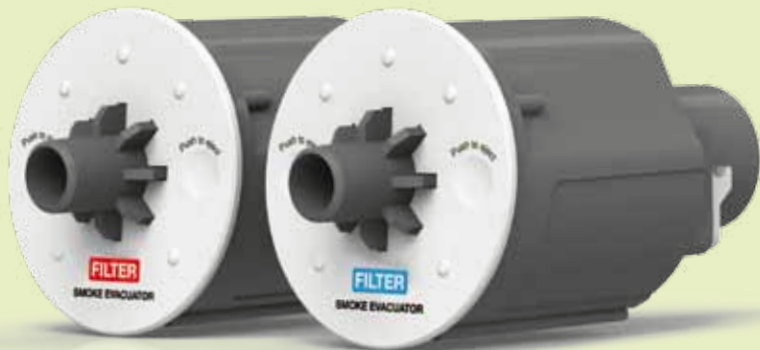
For laparoscopic procedures there is a specific function, quickly selectable.

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



Reference codes	10200.10 (230 Vac) - 10200.10/115V (115 Vac)
Input voltage	230 Vac or 115 Vac
Mains frequency	50 Hz
Electrical input power	800 VA
Max vacuum flow rate	1000 LPM (35 CFM)
Max static suction	250 mbar (83 in H <sub>2</sub> O)
Filter type	ULPA with active carbon
Filter efficiency	99,999%
Particles diameter	0,3 micron
Size WxHxD mm	370x144x319
Weight	4 Kg

- 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



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.

### **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.

#### **Standard Composition**

- Power cable
- First ULPA Filter (5h) - BLU
- Apiration kit: **A** Filter **B** Pipe dia. 22mm lenght 2,4 mt (100")
- 4 Handle apsiration 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
- Aspiration kit (6 pcs)
- Handle aspiration kit (12 pcs)

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