



Smoke suction unit For electrosurgery



OPERATING THEATRE



Smoke suction unit

For electrosurgery



Cod. 30450

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 persistent 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 bacteriological and/or viral risks, and improves vision of the zone of the operation area during the laparoscopic procedures.

Activation of the aspiration can be:

- **Automatic**, through the remote electronic system of automatic survey of the activation of the high frequency electrosurgical unit
- **Manual**
- **Through a foot switch (optional)**

The aspiration flow can be adjusted to suit the specific needs. For laparoscopic procedures there is a specific function L, quickly selectable.

Smoke evacuator has an electronic control of the aspiration with the indication of the wearing status of the filters. There are two different kinds of quickly replaceable ULPA type filters, with active carbons: the BLUE filter is the first filter and it is included with the unit for an initial time of use (5 hours), the RED filter is an optional spare part, developed for a long time use (20 hours). They have connector of 7/8".

Technical Specifications

- Mains voltage: 230V (115V on request)
- Mains frequency: 50/60 Hz
- Electrical input power: 800 VA
- Max vacuum flow rate: 1000 LPM (35 CFM)
- Max static suction: 250 mbar (83 in H2O)
- Filter type: ULPA with active carbons
- Filter efficiency: 99.999%
- Particles diameter: 0.12 micron
- Size: 370 x 144 x 319 mm
- Weight: 4 kg

Standard accessories

- ULPA filter (5 hours) blue
- Aspiration kit
 - filter
 - pipe Ø 22 mm, length 2.4 m
- 4 handle aspiration kit
 - adapter 10 mm / 22 mm
 - pipe Ø 10 mm, length 1.8 m
 - clip to fix the pipe to the handle
 - adapter to the handle
- Power cable

Power Cable



Aspiration kit



ULPA Filter Blue



Handle aspiration kit

Optional accessories

- **Cod. 30452** ULPA FILTER (20 hours) RED - spare
- **Cod. 30453** ASPIRATION KIT - box of 6
- **Cod. 30454** HANDLE ASPIRATION KIT - sterile - box of 12
- **Cod. 30577** WATERPROOF MB FOOTSWITCH - 2 m



Cod. 30452



Cod. 30577



ESSE3 srl, Via Garibaldi 30
14022 Castelnuovo D.B. (AT)
Tel +39 011 99 27 706
Fax +39 011 99 27 506
e-mail esse3@chierinet.it
web: www.esse3-medical.com

