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## **Treatment smoke evacuator CS200 (New)**

New

Italian production

The advanced design ensures effective removal of unpleasant odors, bacteria, viruses, organic and inorganic chemicals that arise during treatments using lasers, surgical diathermy, cryosurgery

The suction pump used is characterized by high efficiency and quiet operation. The smoke created during the treatment is sucked into replaceable filters, which ensures filtration at 99.999% efficiency

First DE19 filter, high efficiency air filter (HEPA) with efficiency = 99.999% for 0.3  $\mu\text{m}$  particles

Second MAX2 filter, very low penetration anti-bacterial / anti-virus air filter (ULPA) with efficiency = 99.99999% for 0.01 micron particles (internal)

The third SCAVENGER filter is a carbon filter that is designed to absorb odors and toxic gases produced during tissue vaporization. Active carbon used in the filter retains toxic organic gases, which ensures effective elimination of odor

The electronic system, through the LED display, informs the operator about the condition of the filters and the need to replace them

The electronic circuit automatically checks the filters to ensure the effective operation of the filters - the intended suction properties can not be changed by the substances being drawn in. The filters do not last longer than the intended time of use

In the case when the electronic system intervenes, it does not stop the process of smoke evacuation during operation of the device (it does not emit any acoustic signal in order not to disturb during the procedure). Stops the suction process the next time it is switched on, while in the case when there are no new filters available, the smoke evacuator can be activated in an emergency

Smoke evacuator CS200 has an automatic on and off function with the Delay TIME mode. In the case when the device detects high or low frequencies on which electrosurgical diatherms work (mono and bi polar), the evacuator goes into automatic mode, releasing the user from manual actuation

Smoke evacuator CS200 has an automatic on and off function with the Delay TIME mode.

Technical data:

replaceable filters, working up to 40 hours

filtration efficiency: 99.999%

permeability: max 0.2  $\mu\text{m}$

a system of continuous monitoring of filter wear

protection against penetration of fluids

maximum vacuum level: 110 mmHG

suction unit flow: 30,000 l / h

automatic on / off switch for surgical diathermy

quiet operation: from 50 to 70 [dBA]

Weight: 18.2 [kg]

dimensions: 38 x 17 x 40 [cm]

standard: boom (pantograph)

optional: possibility of connection to the sight glass, laparoscopic accessories

optional: STERSET-set (sterile, disposable) - Suction kit consisting of an antibacterial / anti-virus high efficiency filter with an efficiency = 99.99999% for 0.027  $\mu\text{m}$  particles, a 5 m long suction hose and Luer-Lock connectors for a trocar

Has a current Technical Passport issued

Warranty 24 months

