MEGADYNE™ Smoke Evacuator

Optimized Device Performance Guide

Before you begin

1. Plug in power cord: Insert power plug into the receptacle on the MEGADYNE™ Smoke Evacuator.

2. **Recommended:** Plug in connect cable. Insert the male connector of the connect cable into the receptacle on the MEGADYNE™ Smoke Evacuator and the female connector into the receptacle on the electrosurgical generator.

3. **Alternate:** Connect RF sensor to monopolar cord. When connecting smoke evacuator and electrosurgical generator via connect cable is not possible:

a. Insert RF sensor (sold separately) into the RF sensor port on MEGADYNE™ Smoke Evacuator.

b. Insert monopolar pencil cord or return electrode cord into the receptacle on RF sensor.

Generator

Smoke evacuator

Connect cable

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Before you begin (cont.)

4. Insert the filter securely into the filter port located on the front of the MEGADYNE™ Smoke Evacuator.

5. Turn on the machine: Press the power switch button to turn on the smoke evacuator.

If the filter is not securely seated, all filter lights will blink until proper installation is completed.

One indicator light will be illuminated when the filter is secure and indicate remaining filter life.

6. Check the **FILTER** life indicator:

 a. Green
Ready for use:
100% - 25% filter life.

 b. Yellow
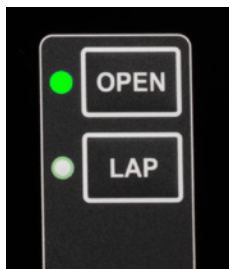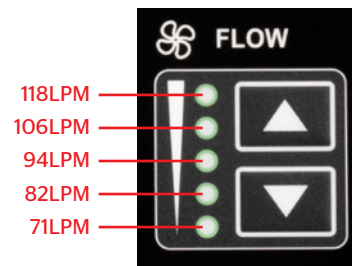Ready for use:
25% - 0% filter life.

 c. Red
Once the red light is illuminated, the smoke evacuator can only be activated within a 3 hour window to complete the case.
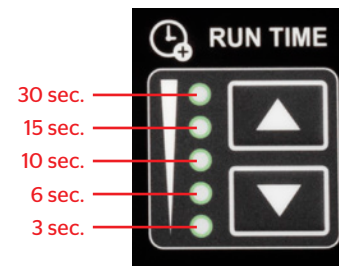
Using in open procedures

1. Press the **OPEN** button to switch to **OPEN** mode.

2. Adjust **FLOW** settings to user-preferred flow-rate levels.

118LPM
106LPM
94LPM
82LPM
71LPM

3. Adjust **RUN TIME** settings to user-preferred time-delay intervals.

30 sec.
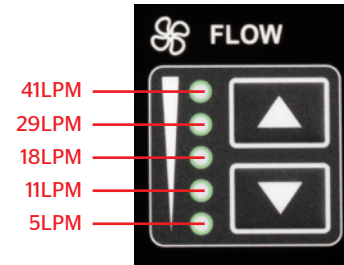15 sec.
10 sec.
6 sec.
3 sec.

RUN TIME options control how long flow continues after the energy device is deactivated when utilizing one of the automatic activation methods. This feature enables evacuation of residual smoke after the surgeon discontinues activating the energy device.

4. Ensure smoke evacuation tube is connected to MEGADYNE™ Smoke Evacuator.

Using in LAP procedures

1. Press the **LAP** button to switch to **LAP** mode.
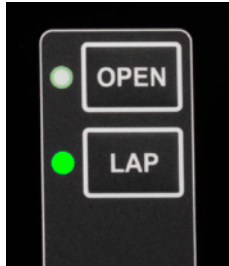
2. Adjust **FLOW** settings to user-preferred flow-rate levels.

41LPM
29LPM
18LPM
11LPM
5LPM

3. Adjust **RUN TIME** settings to user-preferred time-delay intervals.

10 sec.
8 sec.
6 sec.
4 sec.
2 sec.

RUN TIME options control how long flow continues after the energy device is deactivated when utilizing one of the automatic activation methods. This feature enables evacuation of residual smoke after the surgeon discontinues activating the energy device.

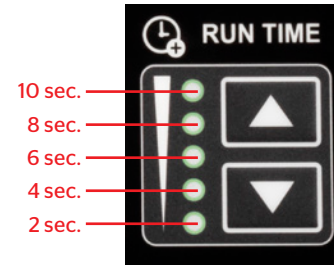**4.** Ensure smoke evacuation tube is connected to MEGADYNE™ Smoke Evacuator.

Manual activation of smoke evacuation

If preferred, press the MANUAL START/STOP button to activate smoke evacuation in OPEN or LAP mode. Smoke evacuation remains activated until the MANUAL START/STOP button is pressed again.

Please always refer to the Instructions for Use / Package Insert that come with the device for the most current and complete instructions

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