



# i-SmokeE

THE INTELLIGENT SMOKE EVACUATOR



# KEEP YOUR WORKSPACE SAFE AND CLEAN

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i-SmokeE is a **powerful smoke evacuator** specifically designed for **elimination of medical smoke** produced by Plexr® devices, Lasers®, Thuzzle, Fractional RF and all the ablative and micro-ablative technology related to the clinical care; peculiar smells; dust; poisonous and harmful gas; soldering; printing.

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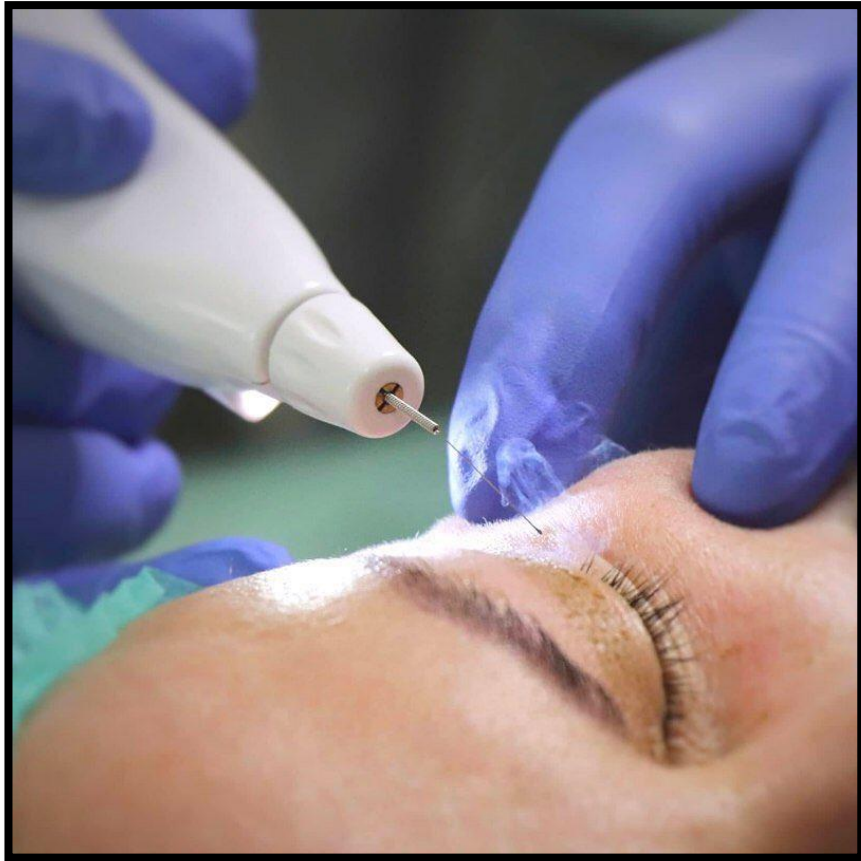
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- **Ergonomic and portable**
- **Suction flow optimized** for the aesthetic market
- **Interactive display**
- **Real-time filter monitoring**
- **Automatic connection** with Plexr Plus / Plexr Vecron



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Smoke generated during medical procedures consists mainly of water vapor, organic gases, visible or invisible solid particles, and viral particles. A **good suction** and filtration **eliminates bad smells, reduces bacteriological and / or viral risks** and solves the problem of **optimal vision** of the intervention area during the procedures.

**i-SmokeE**, with its **triple filtration system**, eliminates not only fumes and microparticles deriving from medical procedures but also odors thanks to the versatile flexible suction hose.

# AUTOMATIC CONNECTION WITH PLEXR®

i-SmokeE can be used both in **i-mode** (intelligent mode) and in **stand-alone**.

In **i-mode** it can be **connected**, through a cable, **directly** to **Plexr Vecron and/or Plexr Plus\*** to:

- **Be activated automatically** from the Plexr® station or even by the handpiece
- **Using pre-set parameters** to have the correct vacuum parameter in function of the Plexr technique performed
- Record **time of use**
- **Optimize the filter usage** and the correct maintenance
- **Optimize noise and energy** consumption levels

In Stand-Alone mode, it can be used by its own display



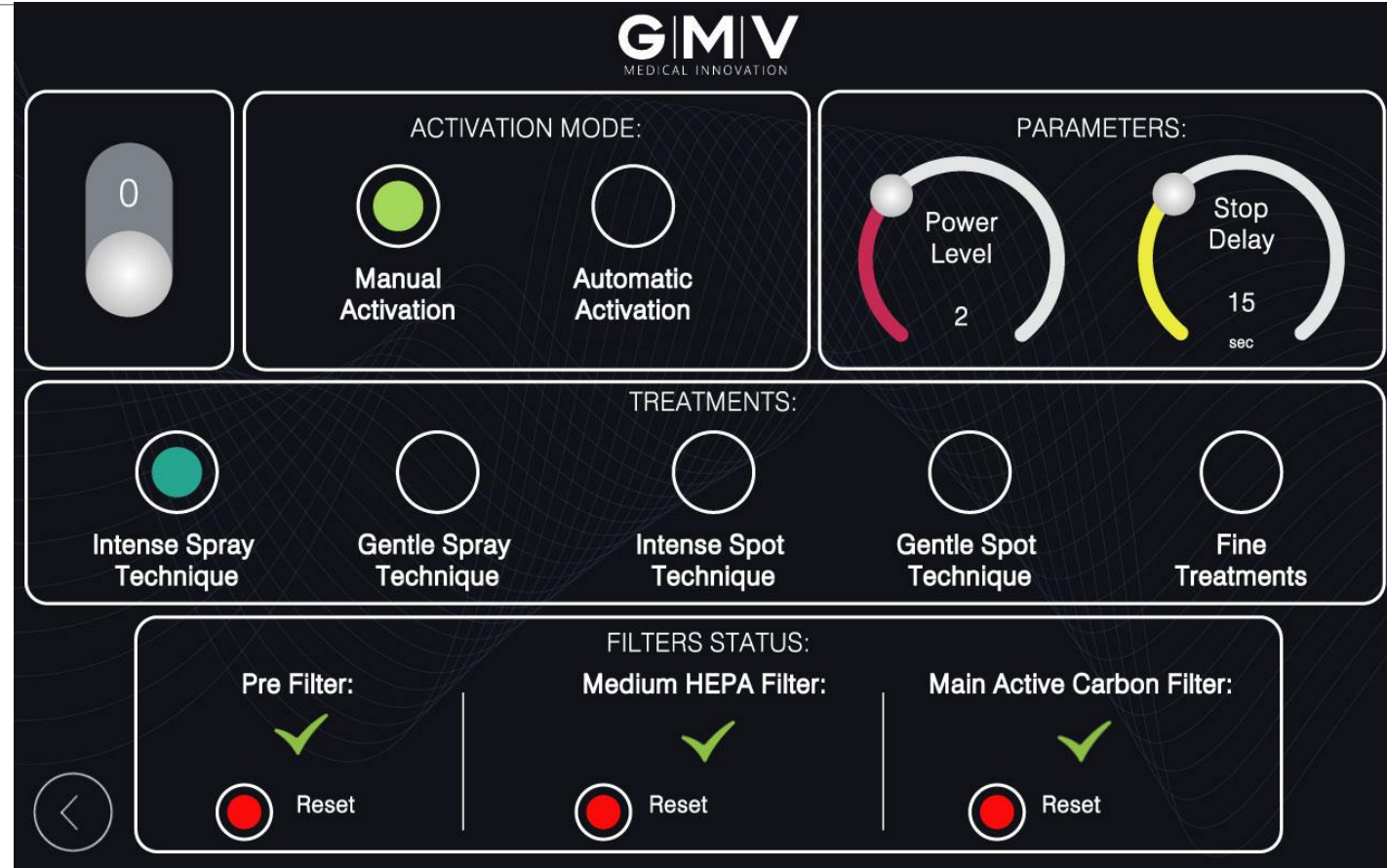
*\* In case of simultaneous purchase of i-SmokeE and Plexr Plus / Plexr Vecron, i-mode activation is already integrated into the device. To activate i-mode on a Plexr Plus / Plexr Vecron device already purchased previously, a hardware update of the device is required with its return to the GMV laboratories*

# AUTOMATIC CONNECTION WITH PLEXR®



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# AUTOMATIC CONNECTION WITH PLEXR®



**i-SmokeE**  
**i-mode**



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# POWERFUL, EFFECTIVE AND SILENT

i-SmokeE is **extremely silent and performant**. With the **triple-filter design** and **powerful suction**, the absorbing efficiency and filtration ratio can reach **99.97%** with an absorption capacity of **330 m<sup>3</sup>/h**. Noise level is **< 55 dB\***.

The integrated filter consists of 3 parts:

1) **Prefilter**: dust and fine particles



2) **Medium HEPA filter**: elimination of dust microparticles



3) **Active carbon filter**: odor treatment



*The system in i-mode will automatically detect the status of the filters and report any need for replacement. In any case, it is always possible to check the status and manually clean and replace the filters themselves, as indicated in the user manual. Average duration: 1) 2 months; 2) 6 months; 3) 6 months*

\* The threshold defined as "perception of annoyance" by the human ear is equal to 60 dB



# TECHNICAL FEATURES

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i-SmokeE complies with the **applicable medical CE requirements** and the purifying effect has been confirmed by the international professional testing agency American PONY.

<b>Air Inlet Interface</b>	Φ75mm
<b>Input voltage</b>	220 Vac
<b>Maximum power</b>	210 W
<b>Filtering Efficiency</b>	0.3μm - 99.97%
<b>Noise level</b>	< 55dB
<b>Length of Arm</b>	1.4 m
<b>Systemic Flow</b>	330 m <sup>3</sup> /h
<b>Dimensions of Main Unit</b>	L425 × W250 × H410 mm
<b>Weight</b>	14.0 kg

# FULL PACKAGE



ITEM	QUANTITY	NOTES
Station	1	-
Power cable	1	-
Arm	1	-
Hood	1	-
USB	1	Including user manual
Pre-Filter	3	1 of 3 is installed
Medium filter	1	Installed
Carbon Filter	1	Installed

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[www.gruppogmv.com](http://www.gruppogmv.com)



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