MEGADYNE™ Mega Vac Smoke Evacuator

For complete product details, see Instructions for Use.
Why remove surgical smoke from the OR?

Surgical smoke can decrease site visibility and impact air quality in the surgical suite. The MEGADYNE™ Smoke Evacuation Portfolio was designed to reduce surgical smoke for improved visibility and a cleaner OR environment.

**Electrosurgical smoke has been shown to contain many potentially harmful components including:**

- Toxic gas and vapors\(^1\)
- Bioaerosols, including dead and living cell material, blood fragments and viruses\(^2\)
- Mutagenic and carcinogenic compounds\(^3\)

The Association of periOperative Registered Nurses (AORN) and National Institute for Occupational Safety and Health (NIOSH) recommend surgical smoke be removed by use of smoke evacuation in both open and laparoscopic cases.\(^3\)

The smoke condensate from burning 1 gram of tissue has been shown to be equivalent to that of up to 6 unfiltered cigarettes.\(^4\)


\(^2\) Control of Smoke from Laser/Electric Surgical Procedures, NIOSH, DHHS (NIOSH) Publication No. 96•128

\(^3\) Perioperative standards and recommended practices. Electronic release: July 2009. AORN, Inc.

MEGADYNE™ Mega Vac Smoke Evacuator was designed for maximum smoke evacuation while maintaining a quiet OR\textsuperscript{1}

Efficient
- Automatically turns on when the pencil is activated for efficient smoke removal\textsuperscript{1} and minimal OR noise
- Provides surgeons with variable levels of suction to suit their individual case requirements\textsuperscript{1}
- The ULPA prefilter is nearly 100% efficient in capturing particulate matter\textsuperscript{2}

Quiet
- Automatically turns on and off, which minimizes OR noise\textsuperscript{1}
- The MEGADYNE™ Mega Vac Smoke Evacuator is quieter than a household refrigerator\textsuperscript{3}

Laparoscopic option
In addition to the features above, the MEGADYNE™ Mega Vac PLUS Smoke Evacuator:
- Is especially useful during laparoscopy procedures
- Helps maintain the desired internal pressure (pneumoperitoneum)
- Can be used to evacuate CO\textsubscript{2} gas from the pneumoperitoneum at the end of laparoscopic procedures

\textsuperscript{1} Per Instructions for Use. \textsuperscript{2} Per Instructions for Use, captures particle matter 99.999954\% at 0.1 micron. \textsuperscript{3} MEGADYNE™ Mega Vac Smoke Evacuator produces sound <45 DbA.
### Ordering information

**MEGADYNE™ Mega Vac Smoke Evacuators and accessories**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CATALOG NUMBER</th>
<th>QUANTITY PER BOX</th>
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<td>MEGADYNE™ Mega Vac PLUS Smoke Evacuator with Laparoscopic Mode</td>
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