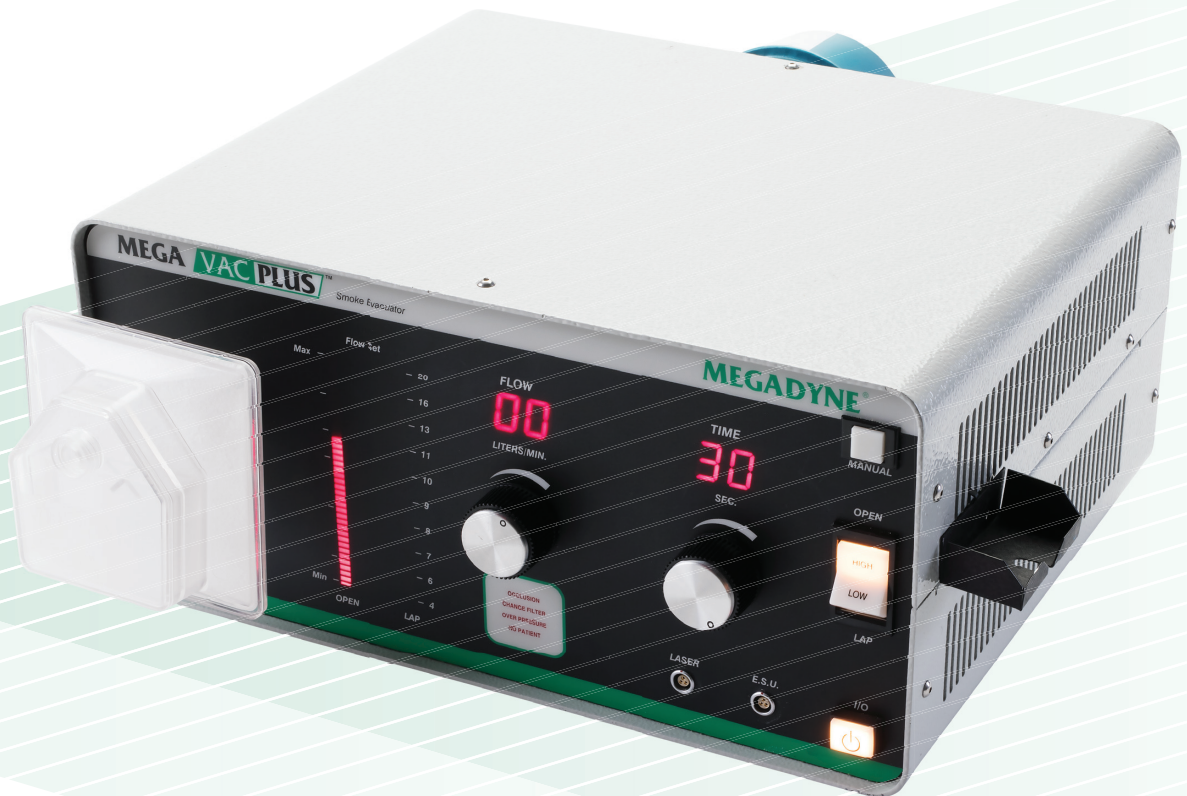


Megadyne™

MEGADYNE™ Mega Vac Smoke Evacuator



ETHICON
PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

Shaping
the future
of surgery

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 vapors¹
- Bioaerosols, including dead and living cell material, blood fragments and viruses²
- Mutagenic and carcinogenic compounds¹

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



¹ Al Sahaf OS, et al. Chemical composition of smoke produced by high-frequency Electrosurgery. Ir J Med Sci (2007) 176:229-232

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. ⁴ Tomita Y, et. Al., Mutagenicity of smoke condensation induced by CO₂-laser irradiation and electrocauterization. Mutat Res. 1981; 89:145.

MEGADYNE™ Mega Vac Smoke Evacuator was designed for **maximum smoke evacuation** while maintaining a quiet OR¹

Efficient

- Automatically turns on when the pencil is activated for efficient smoke removal¹ and minimal OR noise
- Provides surgeons with variable levels of suction to suit their individual case requirements¹
- The ULPA prefilter is nearly 100% efficient in capturing particulate matter²

Quiet

- Automatically turns on and off, which minimizes OR noise¹
- The MEGADYNE™ Mega Vac Smoke Evacuator is quieter than a household refrigerator³

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 CO₂ gas from the pneumoperitoneum at the end of laparoscopic procedures



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

Ordering information

MEGADYNE™ Mega Vac Smoke Evacuators and accessories

DESCRIPTION	CATALOG NUMBER	QUANTITY PER BOX
MEGADYNE™ Mega Vac PLUS Smoke Evacuator with Laparoscopic Mode	2200J	1
MEGADYNE™ Mega Vac Smoke Evacuator	2100J	1
ULPA filter	2211J	10
ULPA filter	2210J	9
MEGADYNE™ Mega Vac Smoke Evacuator Charcoal Filter	2220J	1
MEGADYNE™ RF Sensor	2250J	1
MEGADYNE™ Mega Vac Smoke Evacuator Footswitch	2160J	1