

XPlume™

Smoke Evacuation System
for UltraPulse® and AcuPulse™



Powerful Protection for Laser Treatments

Lumenis' Xplume helps create a safe and pleasant environment for health care professionals when performing laser surgery or using electrocautery devices. The Xplume offers optimal filtration of 0.1 microns at 99.99999987% efficiency. The Xplume combines HEPA and ULPA filters to achieve the high level of protection that experts recommend against various plume contaminants, such as viruses and pathogens*. Filtration of contaminants, along with high flow capacity and odor filtration make the Xplume a powerful tool for dealing safely with laser and electrocautery smoke. Lumenis' Xplume helps create a safe and pleasant environment for health care professionals when performing

laser surgery or using electrocautery devices. The Xplume offers optimal filtration of 0.1 microns at 99.99999987% efficiency, with contaminants larger and smaller than 0.1 microns captured even more efficiently. The Xplume combines HEPA and ULPA filters to achieve the high level of protection that experts recommend against various plume contaminants, such as viruses and pathogens*. Filtration of contaminants, along with high flow capacity and odor filtration make the Xplume a powerful tool for dealing safely with laser and electrocautery smoke.

* Baggish, M.S., et al "Protection of the rat lung from the harmful effects of laser smoke", *Lasers Surg. Med.* 1988; 8; 248-253.

Specifications

Total System Efficiency	99.99999987% at 0.12 micron
Filtration	0.12 micron HEPA filter with 3 hour lasing life 0.12 micron ULPA/carbon filter with 6 month life
Air Flow Rate	13.5 - 35 CFM
Vacuum Level	50 - 180 mBar
Noise Level	Under 59 dBA at 1 meter for maximum flow rate
Electrical Power	110/220 V, 50/60 Hz, Single phase, 4/8 A
Dimensions	32cm x 50cm x 25cm (13" x 20" x 10")
Weight	Approx. 8 kg (18 lbs)

Order Information

100 Xplume smoke evacuation system (110 V)	AA2072900
100 Xplume smoke evacuation system (220 V)	AA2072800
Nonsterile Disposable Accessories (included when ordering a smoke evacuation system)	
9610 primary filter set (6)	MD1462600
9611 secondary filter	MD1462700
9613 6mm x 2' silicone tubing set (6)	MD1462900
9614 autoclavable plastic wand set (6)	MD1463100
9615 autoclavable plastic funnel set (6)	MD1463200
9616 22mm I.D. x 6mm plastic reducer fitting set (6)	MD1463000
9617 22mm I.D. x 6' plastic hose set (24)	MD1484200

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AMERICAS

San Jose, CA, USA
T +1 408 764 3000
+1 877 586 3647
F +1 408 764 3999

EMEA

Dreieich Dreieichenhain,
Germany
T +49 6103 8335 0
F +49 6103 8335 300

Roma, Italy

T +39 06 90 75 230
F +39 06 90 75 269

Hertfordshire, UK

T +44 20 8736 4110
F +44 20 8736 4119

JAPAN

Tokyo, Japan
T +81 3 6743 8300
F +81 3 6743 8301

ASIA PACIFIC

Beijing, China
T +86 10 5737 6677
F +86 10 5737 6767
Gurgaon, India
T +91 124 422 07 95
Kowloon, Hong Kong
T +852 217 428 00
F +852 272 251 51