



Maximise view
Minimise CO₂
Optimise efficiency

Revolutionary surgical smoke handling system



Surgical smoke is a problem. You've just found the answer.

Our system doesn't extract surgical smoke, it actively eliminates it.



 ULTRAVISION OFF

Rapid

active electrostatic process

CO₂ sparing

minimise effects of excessive cold,
dry CO₂ exposure

Efficient

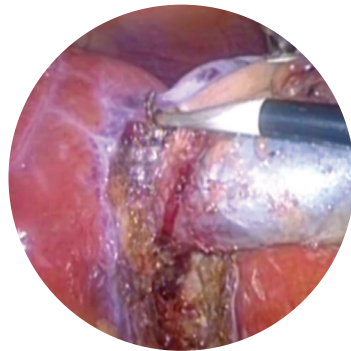
> 99% down to 7nm particle size

Versatile

compatible with all insufflators

Silent

minimises distraction



 ULTRAVISION ON



IMPROVED
VISIBILITY



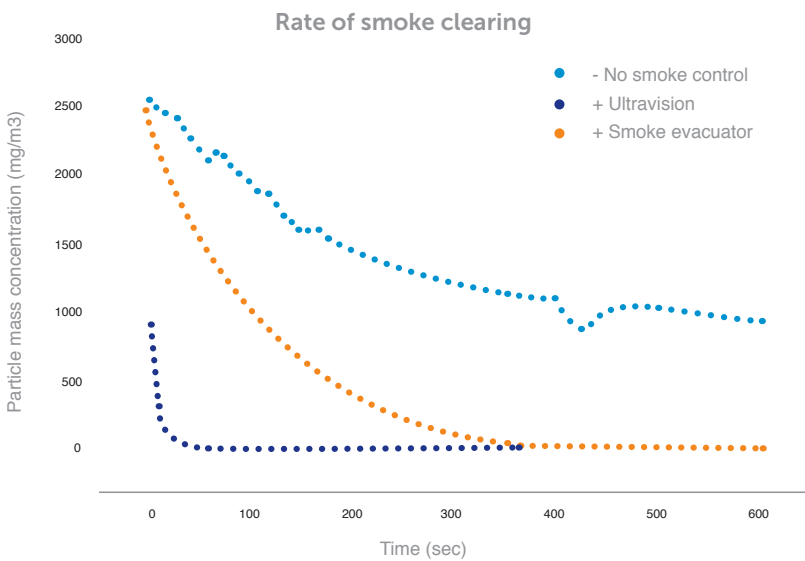
FEWER
PAUSES



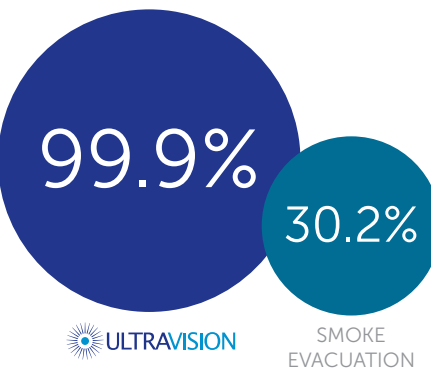
LESS CAMERA
CLEANING

Benefits summary

Patient	Clinical	Healthcare Provider
Improving safety for patient by preventing visual impairment.	Reducing duration of procedure.	Cost savings due to: <ul style="list-style-type: none"> • Reduced operating time • Reduced CO₂ consumption • Reduced requirement for laparoscopic camera cleaning systems.
Minimising CO ₂ exposure which can cause: <ul style="list-style-type: none"> • Post-surgical adhesions • Cooling • Acidosis • Pain 	Improving quality and efficiency of the operating room.	Improving patient outcomes and reducing re-admissions.
Reducing operation and anaesthetic time.	Eliminating release of surgical smoke into the operating room.	Improving staff health and safety.
	Reducing need to clean the laparoscopic camera.	Improving quality and efficiency of the operating room.
	Reducing interruptions and distractions in surgery caused by visual impairment.	



Particle clearance after 1 minute of use





Order Number	Description		Order Number	Description	
DAD-001-015	Ultravision™ System		DAD-001-024	Battery Recharging Station and Power Supply Unit*	
DAD-001-006	Patient Return Adaptor 0.75m (SOLID)*		DSD-001-035	Power Supply Unit	
DAD-001-007	Patient Return Adaptor 0.75m (SPLIT)*		DAD-001-003	Ionwand™ Pack (x10)	
DAD-001-029	Patient Return Adaptor 1.5m (SOLID)		DAD-003-014	Ultravision™ 5mm Trocar (x6)	
DAD-001-030	Patient Return Adaptor 1.5m (SPLIT)		DSD-001-034	Battery (x2)*	
DAD-001-031	Patient Return Adaptor (Euro Connector)		DAD-004-012	Mains converter	

*Included in Ultravision™ System part number DAD-001-015



Our History

Alesi Surgical (formerly Asalus Medical Instruments Limited) was established to commercialise the inventions arising from the Welsh Institute of Minimal Access Therapy (WIMAT). Based in Cardiff (UK), WIMAT is the leading UK centre for training of laparoscopic and other surgical disciplines.

Our Vision

Our vision is to become a world leader in the development of new devices for advanced minimal access surgery. We work with leading surgeons to identify and resolve issues commonly experienced when performing complex surgical procedures. Solving these issues will make these techniques easier and faster for the surgical team, safer for the patient, and more cost-effective for the healthcare provider.