WE LOVE WHAT WE DO.



ASPI-AERO 25
AEROSOL REMOVAL

INCORPORATING HEPA H14 ANTIBACTERIAL CARBON ACTIVATED FILTER*

CATTANI
AIR TECHNOLOGY
UK

PRODUCT CODE: 010150

CATTANI ASPI-AERO 25 AEROSOL REMOVAL SYSTEM

The Aspi-Aero 25 is a brand new extra oral dental suction system for removing aerosols when carrying out aerosol generating procedures (AGPs).

Cattani have developed a new generation of side channel blowers that provide high airflow with small diameter fittings. These new blowers will ensure long procedures are not compromised by providing continuously rated performance.

AEROSOL DIFFERENTIATION

Aerosols are differentiated based on particle size: spatter (> 50 µm), droplet (⩽ 50 µm), and droplet nuclei (⩽ 10 µm).

In dental settings, 90% of the aerosols produced are extremely small (< 5 µm).

- Spatter, being the larger particle, will fall until it contacts other objects (e.g., floor, countertop, sink, bracket, table, computer, patient or operator).
- Droplets remain suspended in the air until they evaporate, leaving droplet nuclei that contain bacteria related to respiratory infections.
- Droplet nuclei can contaminate surfaces in a range of three feet and may remain airborne for 30 minutes to two hours. If inhaled, the droplet nuclei can penetrate deep into the respiratory system.

Source: www.decisionsindentistry.com

EQUIPPED WITH A RELIABLE, PROVEN AND POWERFUL CATTANI UNI-JET 75 1AC TWIN VANE MOTOR

SUCTION ARM FULLY ADJUSTABLE AND ROTATES TO SUIT ANY MODERN SURGERY

Aspi-Aero 25 is equipped with **moisture separation** for liquid collection, protecting the HEPA filter from water ingress. This is emptied using the LVE (11mm) suction on the chair or tip support ensuring no contact with any potentially hazardous liquids.

Aspi-Aero also includes a fully adjustable arm which can rotate to provide aspiration from a wide area and a handle on the unit allows for easy maneuverability.

Aspi-Aero 25 comes equipped with a **HEPA H14** antibacterial, carbon activated filter with increased surface area to permit high airflow, has a high efficiency rating and certified to EN 1822.

Filter element must be replaced every 12 months to ensure efficiency.



CATTANI UNI-JET 75 1AC TWIN VANE MOTOR PRODUCES AIR SPEEDS OF UP TO 45M/S*

2 INTERCHANGEABLE ATTACHMENTS, FOR PRECISION AND SHIELDED APPLICATIONS

This unit can be fitted with two interchangeable attachments:

- 25mm nozzle to remove aerosols from a precise area. (Fig 1)
- Shield to collect aerosols and protect from spatter (Fig 2)

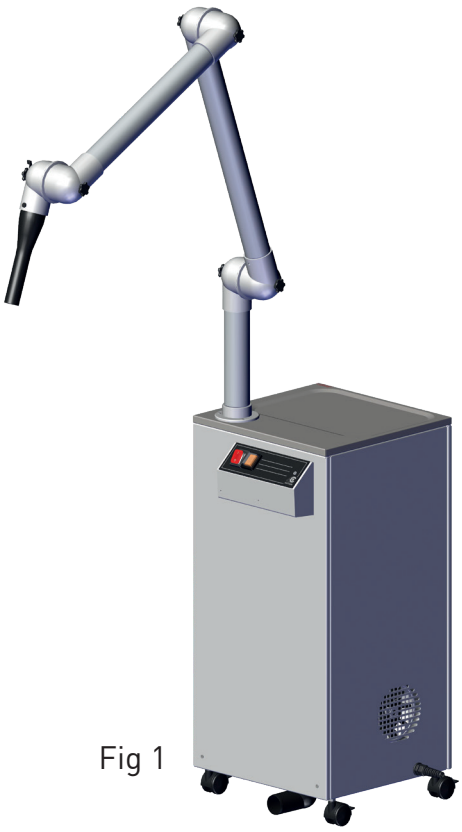


Fig 1

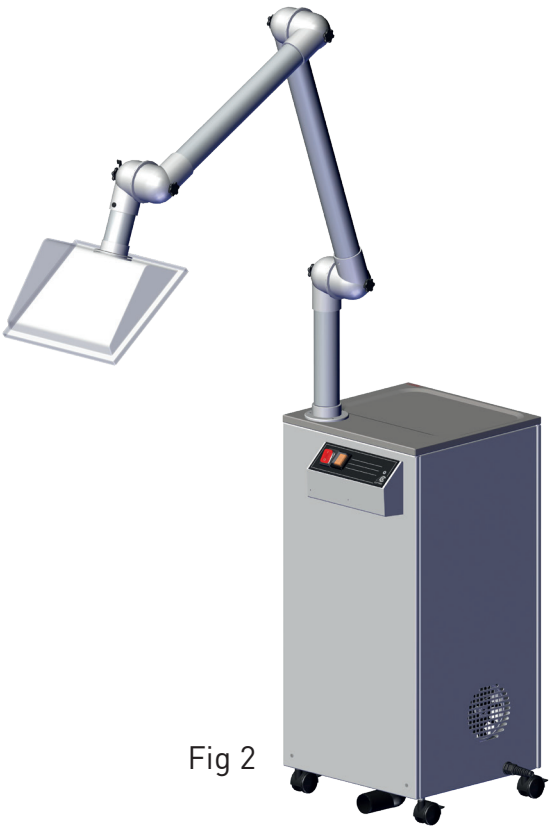


Fig 2

CAN BE SAFELY VENTILATED INTO THE ROOM OR EXHAUSTED EXTERNALLY DEPENDENT ON CUSTOMER PREFERENCE*

*Noise level may be affected if ventilated into the room directly, external exhaust recommended. Air speed 45m/s using the 25mm nozzle.

CABINET IS COATED INTERNALLY AND EXTERNALLY WITH BIOCOTE® SILVER ION TECHNOLOGY

SPECIFICATIONS

No. of Surgeries	1 surgery	**Net Weight**	40kg
Output Power	0.5kw - 3.8A 230V 50Hz	**Operating Temp**	+5 °C - +40 °C
Air Velocity	45m/s (at 25mm)	**Power Cord Length**	2.5m
Max. Arm Reach	1250mm	**Serviceable Life**	5 years*
Noise Level	56dB(A)* / 58dB(A)	**Filter Efficiency**	HEPA H14 EN 1822-1
Dimensions (mm)	W400 x D410 x H750		

The cabinet is coated internally and externally with BioCote® Silver Ion Technology which delivers highly effective protection against microbes such as bacteria and mould. Permanent antimicrobial protection. Guaranteed!



Cattani recommend the use of their Eco-Jet 1 sterilisation range to disinfect surfaces and internal components of the Aspi-Aero. Eco-Jet comes in the form of a spray, refill or wipe and should be used for daily disinfection after each patient.

Range of action Virucide, Bactericide, Fungicide and Tuberculocide action within 15'. All certified and according to standards EN-13697, EN-14348, EN-14476 (information available on request and also available via the Cattani website).

Eco-Jet Spray 040745 (500ml) - Eco-Jet Refill 040764 (5ltr) - Eco-Jet Tissues 040770 (160 wipes per pack)



*Cattani Aspi-Aero 25 is supplied with a 2 year warranty (subject to terms and conditions of servicing schedule). Unit exhausted externally.
Please note: Aspi-Aero 25 is not considered a medical device.

WE HAVE BEEN SPECIALISING WITH AIR TECHNOLOGY FOR 50 YEARS: SPECIALIZATION HAS GIVEN EXCELLENT RESULTS.

HOW IS IT WE LEAD IN OUR FIELD, WHEN WE COST LESS THAN THE ALTERNATIVES? THIS IS HOW:

Constant research: this lets us apply the latest technology in all of our products and solutions.

We enhance performance: electronic and information technology allow us to increase the performance and reliability of our products.

We reduce costs: less maintenance and energy costs mean on a cost-benefit analysis we are always the most economical.

We reduce environmental impact: we save 50% on raw materials in the production stage and our customers save between 30% and 50% on electrical consumption thanks to inverter drive technology.

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