CERTIFIED MEDICAL DEVICE

SMARTAPP WARRANTY PROTECTION

MAXI SMART
UP TO 15 SURGERIES

FLEXIBLE RELIABLE POWERFUL

CATTANI AIR TECHNOLOGY UK

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CATTANI MAXI SMART

Is the latest worldwide breakthrough in dental vacuum from Cattani. It is the first system anywhere in the world that provides, in addition to a constant vacuum level, a constant rate of airflow for each dental unit, regardless of the change in demand placed upon the system.

At the heart of Maxi Smart there is a software driven inverter system which can react to the demand placed on the system from the surgeries, to ensure that a constant vacuum level is maintained in all of the surgeries, as the demand varies.

Maxi Smart is a dental suction unit recommended for 15 surgeries working simultaneously.

In addition to the features already mentioned, it should also be noted that the centrifugal separator in Maxi Smart replaces both the centralized separator tank and the Turbo Smart (used as drain pump), greatly reducing the size of the plant and greatly simplifying maintenance operations.

Maxi Smart is effectively the first integrated suction unit for large clinics. The vacuum levels for Maxi Smart can be set the same way as for our Turbo Smart system, however to overcome any restrictions in the pipework and different numbers of surgeries, the flow rate needs to be adjusted in order to set the vacuum level.

Maxi Smart is equipped with a purposely designed Medio Jet 2V suction unit, which has a flow rate of 300 m^3H and a negative pressure of 2400-2800* mmH2O. This allows for up to 15 dental units to be connected to the Maxi Smart, each achieving a simultaneous flow rate of 300 l/min.

THE CENTRIFUGAL SEPARATOR

Ability to pump up to 300 l/min (aspirated liquid). The amalgam separator, ISO Hydrocyclone 60 is certified (by TÜV Essen) for 98.7% separation at a flow rate of 55 l/min.

CERTIFIED TUV AMALGAM RETENTION

WI-FI CONNECTION

As part of Cattani's Warranty all Smart suction systems must be registered on our Smart App when first installed, registration offers the following benefits:

- An engineer can remotely access the unit to check its status
- The dentist can check the vacuum level remotely
- Alerts the dentist to maintenance requirements (such as amalgam pot level)

SMARTAPP REGISTRATION
PROTECT YOUR WARRANTY

Registration is free and will ensure you receive the full product warranty.

SCAN ME

SMARTAPP WARRANTY PROTECTION

THE INVERTER

The electrical control unit is fitted with a variable speed drive inverter (VSD) which is software driven. The VSD and unit's software minimise stress on the motor, maintain the vacuum level at the programmed value and adapts the flow rate in real time according to demand from the surgeries, by increasing or decreasing the speed of the motor. The result is an energy saving system.

AUTO-PROTECTION

Suction units with VSD are the only ones that can react to many challenging situations; where there are problems with the plant environment such as high temperatures or operational problems like excessive fluids arriving at the machine, Maxi Smart adjusts to deal with the situation and continues to provide performance to the users. Any anomalies are signalled on the control panels display screen.

ECO-SUSTAINABLE

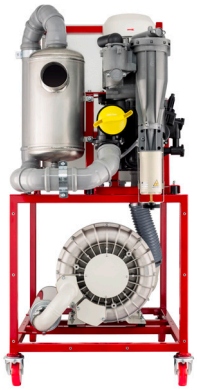
Our units with VSD and software reduce raw material and energy consumption by up to 50%. Therefore, offering the dental market machines that are more flexible, more suited to their needs, and more eco-sustainable.

WARRANTY* 1 YEAR

MAGNOLIA WARRANTY PROTECTION

Maxi Smart is supplied with a 12 month warranty*.

* Warranties are subject to Terms and Conditions of servicing schedule. Registration on SmartApp should be completed by an engineer upon installation and is a requirement of the units warranty (see our terms and conditions for further information).



Maxi Smart

Medio Jet 2V Special + Control Board with VSD (inverter)

No. of Surgeries:	up to 15 surgeries
Output power:	11.8kW 25A 400V 50Hz (3phase)
Max. flow:	5000l/min
Max. vacuum level:	240mbar (continuous service)
Noise level:	73-77dB(A)
Dimensions:	W708 D1032 H1486 (mm)
Net Weight:	220kg
Gross Weight:	320kg

Maxi Smart with fitted sound-reducing cabinet

Medio Jet 2V Special + Control Board with VSD (inverter)

No. of Surgeries:	up to 15 surgeries
Output power:	11.8kW 25A 400V 50Hz (3phase)
Max. flow:	5000l/min
Max. vacuum level:	240mbar (continuous service)
Noise level:	68dB(A)
Dimensions:	W708 D1069 H1488 (mm)
Net Weight:	270kg
Gross Weight:	370kg

SMART THINKING, THE WAY WE INNOVATE.

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

View this brochure on your phone or tablet

CATTANI AIR TECHNOLOGY UK

CATTANI AIR TECHNOLOGY IRELAND

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

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

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

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

We reduce environmental impact: we save 50% on raw materials, so that you can save between 30% and 50% on electrical consumption.

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