

# CATTANI



## SMART Suction Systems

Tailored Suction – Flexible by Nature.

### Performance & Reliability

Cattani stands for unparalleled quality, performance and service within the dental industry. This is the result of dedication and specialisation in the field of air technology that spans over twenty years.

Superior design, mechanical precision and robust components results in all Cattani SMART suction systems being backed by a 3-year parts and labour warranty.

Cattani SMART suction systems are manufactured in Parma, Italy, under the strictest standards. Each unit is rigorously tested and monitored prior to being delivered to your clinic. This provides you with the utmost confidence in the day to day running of your practice.

### A SMART system to suit every clinic...

Cattani manufacture a range of SMART suction sizes and configurations so you can be sure there is a system to suit your practice's requirements. We offer solutions from a single chair, right through to hospital and university size applications.

To find out which unit suits your surgery's individual needs, head over to [www.cattani.com.au](http://www.cattani.com.au) 'Find Your Surgery Solution' page. You can work out the right plant solution for your surgery.



## Why Cattani?

- Inverter technology
- Energy efficient
- High vacuum performance
- Low maintenance
- Easy installation
- Amalgam Retention compliant to ISO 11143
- 3-years parts & labour warranty.



## Consistent high performance:

Dental clinics vary in size. Consequently the requirements of the suction system will constantly change dependent on a number of variables such as the number of simultaneous users, what size suction tip is being used, the amount of fluid being aspirated, etc. The inverter monitors these changes and instantly adapts the output to ensure that high suction performance is constantly maintained.



## What is inverter control?

Inverter control optimises performance and efficiency.

The principle is simple: the inverter is an electronic control that can vary the speed, and therefore the output of the electric suction unit. It adjusts the power used to suit the actual requirements of the clinic – no more, no less!



## A simple and SMART way to grow

Thanks to the inverter technology, multiple SMART systems can be installed in parallel providing your clinic with the ability to easily expand capacity or to introduce built-in back up.

Connecting a number of SMART suction systems together in parallel is a 'plug and play' exercise. With the inverters monitoring the system in harmony, parallel connection has never been so simple.



## Amalgam Retention

The Cattani Hydrocyclone is a simple and effective amalgam retention unit that fully integrates with our SMART suction systems.

It simply utilises the fluid pressure created by the suction system to achieve 98% amalgam retention in accordance to ISO 11143... all without the need for any moving parts.

Performance is an important factor in any purchase decision. To make a direct brand comparison, it is wise to compare the price versus the performance for each brand. Systems with a lower purchase price can actually be less attractive when performance is compared.



*Units without Amalgam separation are available on request.*

### Micro SMART with ISO 6 Hydrocyclone

Recommended for	1-2 Surgeries
Fitted with	ISO 6 Hydrocyclone
Amalgam Retention	- ISO 11143 Compliant - Max Flow = 5.5 l/min - Min Flow = 0.5 l/min
Inverter control	
Max. flow	916 l/min
Max. vacuum for continuous duty	= 210 mBar
Sound	64 - 71 dB(A) - see accessories for reduction options
Power	6.3 A, 1.3 kW
Dimensions	H=600 W=380 D=350 mm
Net weight	23 kg

### Turbo SMART A with ISO 18 Hydrocyclone

Recommended for	2-3 Surgeries (can be upgraded to a 4 surgery unit with password purchase)
Fitted with	ISO 18 Hydrocyclone
Amalgam Retention	- ISO 11143 Compliant - Max Flow = 18 l/min - Min Flow = 0.5 l/min
Inverter control	
Max. flow	1,430 l/min
Max. vacuum for continuous duty	= 210 mBar
Sound	69 dB(A)
Power	7 A, 1.45 kW
Dimensions	H=645 W=400 D=330 mm
Net weight	39.6 kg

### Tandem Micro SMART with ISO 6 Hydrocyclone

Recommended for	up to 4 Surgeries
Inverter control	
Total Max. flow	1,824 l/min
Max. vacuum for continuous duty	= 210 mBar
Sound	67 - 74 dB(A) - see accessories for reduction options
Power	2 x 6.3 A, 1.3 kW (2 x 10 A power outlets reqd)
Dimensions	H=600 W=1030 D=640 mm
Net weight	50 kg

### Turbo SMART B with ISO 18 Hydrocyclone

Recommended for	up to 4 Surgeries
Fitted with	ISO 18 Hydrocyclone
Amalgam Retention	- ISO 11143 Compliant - Max Flow = 18 l/min - Min Flow = 0.5 l/min
Inverter control	
Max. flow	1,750 l/min
Max. vacuum for continuous duty	= 210 mBar
Sound	73.7 dB(A)
Power	9 A, 1.87 kW
Dimensions	H=645 W=400 D=330 mm
Net weight	39.5 kg

### Tandem Turbo SMART A with ISO 18 Hydrocyclone

Recommended for	5 Surgeries (can be upgraded to 2 x 4 surgery units. See accessories page for details.)
Inverter control	
Max. flow	2,860 l/min
Max. vacuum for continuous duty	= 210 mBar
Sound	72 dB(A)
Power	2 x 7 A, 1.45 kW (2 x 10 A power outlets reqd)
Dimension	H=740 W=1250 D=760 mm
Net weight	85 kg

### Tandem Turbo SMART B with ISO 18 Hydrocyclone

Recommended for	up to 8 Surgeries
Inverter control	
Max. flow	3,500 l/min
Max. vacuum for continuous duty	= 210 mBar
Sound	76.7 dB(A)
Power	2 x 9 A, 1.87 kW (2 x 10 A power outlets reqd)
Dimension	H=740 W=1250 D=760 mm
Net weight	85 kg