

# CATTANI



## Multi SMART Systems

Built-In Back-Up For Your Clinic, No Matter What Size.

### 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 system configurations so you can be sure there is a system to suit any requirement. We offer solutions for all large clinical 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 inverters monitor these changes and instantly adapt the output to ensure that high suction performance is constantly maintained.

## Multi SMART packaged solutions

Thanks to the inverter technology, Multi SMART systems are assembled in parallel to satisfy the performance and back up requirements of larger clinics.

For applications of up to 20 simultaneous users, we offer Multi SMART units provided in a purpose built vertical rack which includes all necessary interconnections so final installation is a simple process.

Both solutions includes:

- Lockable castor wheels for easy system placement and future maintenance access
- Integrated header tank for incoming fluid surge protection – providing constant suction
- Small footprint
- Remote alarm capabilities.

## Maxi SMART Solution

For applications of more than 20 simultaneous users, we offer multiple Maxi SMART units provided in kit form with all necessary interconnecting components necessary for parallel installation.

Systems are sold in configurations of 2, 3 & 4 units connected in parallel.

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.

## 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!

## 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!

Units without amalgam separation are available on request.

### Multi SMART T3

Recommended for	12 surgeries
Inverter control	
Max. flow	5,100 l/min
Max. vacuum for continuous duty	= 210 mBar
Dimension	H=1660 W=1000 D=750 mm
Power	3 x 1 ph 240 V 9 A 1.87 kW (1 x power outlet for the switching box)
Sound	Approx. 78.5 dB(A)
Net weight	148 kg



### Multi SMART T4

Recommended for	16 surgeries
Inverter control	
Max. flow	6,800 l/min
Max. vacuum for continuous duty	= 210 mBar
Dimension	H=1660 W=1300 D=750 mm
Power	4 x 1 ph 240 V 9 A 1.87 kW (1 x power outlet for the switching box)
Sound	Approx. 79.7 dB(A)
Net weight	184 kg



### Multi SMART T5

Recommended for	20 surgeries
Inverter control	
Max. flow	8,500 l/min
Max. vacuum for continuous duty	= 210 mBar
Dimension	H=1660 W=1600 D=750 mm
Power	5 x 1 ph 240 V 9 A 1.87 kW (1 x power outlet for the switching box)
Sound	Approx. 80.7 dB(A)
Net weight	220 kg



### Maxi SMART with Acoustic Covers

Recommended for	20-60 surgeries
Inverter control	with flow target
Max. flow	5,000 l/min
Max. vacuum for continuous duty	= 240 mBar
Dimensions	H=1490 W=708 D=1037 mm
Power	3 ph 400 V 25 A 11.8 kW
Sound	68 dB(A)
Net weight	270 kg

