

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 though to hospital and university size applications.

To find out which unit suits your surgery's individual needs, head over to 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 |