

WE LOVE WHAT WE DO.



TURBO & MICRO **SMART CUBE**

UNIVERSAL ASPIRATORS



MICRO-SMART

TAILORED SUCTION – FLEXIBLE BY NATURE



WHY CATTANI?

- Inverter technology
- Energy efficient
- High vacuum performance
- Low maintenance
- Easy installation
- Amalgam Retention compliant to ISO 11143
- Compact, all in one design
- 1-year parts & labour warranty

FLEXIBILITY AND 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.

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.

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.

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!

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.

TURBO
SMART

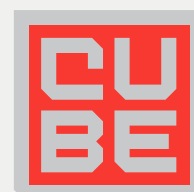
2005

MICRO
SMART

2009

MAXI
SMART

2013



2015

SUPER QUIET ACOUSTIC HOUSING.

THE CLEVER HOUSING IS DESIGNED TO REDUCE NOISE WITH A COOLING SYSTEM THAT ALLOWS MAXIMUM AIR FLOW AROUND THE UNIT.



TURBO SMART A CUBE

NO. OF SEATS	2-3
MAX AIR FLOW l/min	1600
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	200
POWER	1ph 4.8A 1.1kW
HEIGHT MM	650
WIDTH MM	500
DEPTH MM	370
WEIGHT KG	43
SOUND OUTPUT dB(A)	58.4
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional

MICRO SMART CUBE

NO. OF SEATS	1-2
MAX AIR FLOW l/min	1200
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	1ph 3.9A 0.9kW
HEIGHT MM	470
WIDTH MM	420
DEPTH MM	380
WEIGHT KG	23
SOUND OUTPUT dB(A)	52
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional

TURBO SMART B CUBE

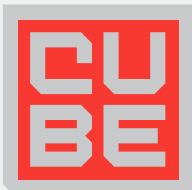
NO. OF SEATS	4
MAX AIR FLOW l/min	1800
MAX. VACUUM FOR CONTINUOUS OPERATION mBar	210
POWER	1ph 6.5A 1.5kW
HEIGHT MM	650
WIDTH MM	500
DEPTH MM	370
WEIGHT KG	43
SOUND OUTPUT dB(A)	62
ISO 18 HYDROCYCLONE AMALGAM RETENTION	Optional



THROUGH INVERTER CONTROL AND A COMPUTERISED PROGRAMME, MICRO AND TURBO SMART CUBE CAN ADJUST TO COPE WITH SPECIAL SITUATIONS.

- **weather conditions**, such as high temperature, the suction unit will not stop and will suffer no damage, it automatically decreases head for the time needed to restore the correct operating temperature;
- **sudden wave of liquid from the surgery**, the suction unit will not overflow but goes into **active** self-protection, the recirculation valve opens, suction slows down, the centrifugal separator absorbs the current spared by the suction unit and, once the wave has been dealt with, the suction unit will resume regular operation;
- **sudden voltage change or power surge**, within pre-set limits, the electronics protects the machine allowing operation to continue;
- any problems occurring during operation are **highlighted on the display**.





ENVIRONMENTAL SUSTAINABILITY

The new products have improved work performances, saves electricity and increased reliability.



WI-FI CONNECTION

Your unit can be connected wirelessly to the computer in the clinic. The dentist can check and modify the function of the aspirator at any time without moving from his practice.



ACTIVE SELF-PROTECTION

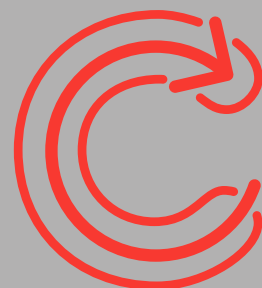
Through inverter control and a computerised programme, Micro and Turbo SMART Cube can adjust to cope with special situations.



HIGH PERFORMANCE

Turbo SMART Cube can be installed in parallel without peripheral units and without connectors. It is possible to upgrade the Turbo SMART A Cube (for 2 surgeries) to model Turbo SMART B Cube (for 4 surgeries) by entering a password into the machine.

**CATTANI'S INVERTER
CONTROL TECHNOLOGY
IS A TRUE INNOVATION IN
THE FIELD OF DENTISTRY**



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

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.

CATTANI TURBO SMART – INTELLIGENT SUCTION NOW IN ASIA

Cattani utility room equipment has been the beating heart of dental surgeries for 50 years, and now, finally, our suction systems and compressors are available in Asia.



Smart technology you can rely on

Based in Italy, Cattani is a family business where we believe in traditional values like loyalty and respect, so your satisfaction is very important to us. Our machinery is renowned for its performance and efficiency, and we have an outstanding reputation for service.



High quality products and service

The smooth operation of every dental practice depends on its utility room equipment, so Cattani takes the greatest care when it comes to design and manufacture, and to show how much we stand by our products, we back them with a generous warranty.



The plant room equipment of choice – for Asia

We are honored to be in Asia, and excited to bring you the air technology equipment that countless dentists around the world prefer.

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.