# TURBO SMART HP
# MULTIPLE SURGERY

## HIGH PERFORMANCE

CATTANI
AIR TECHNOLOGY
UK

# HIGH PERFORMANCE
## USING ONLY THE POWER REQUIRED

## CATTANI TURBO SMART HP

A high power, variable speed suction system, ideal for conservation and surgical applications providing high airflow and high vacuum power.

Turbo Smart HP produces 340mbar negative pressure for up to 4 surgeries, featuring a pair of Cattani's new extremely powerful, performance enhanced Uni Jet 75 motors.

Turbo Smart HP has a programmable vacuum level which automatically alters vacuum on demand and responds to any change in use from the surgeries.

Turbo Smart HP also features Cattani's multi-function digital display which informs the user of the vacuum level, temperature, servicing requirements, amalgam separation, fault diagnosis and programming.

Thanks to inverter drive technology, its electrical energy consumption is proportional to its use, these units have improved work performance, reducing wear, save electricity and increase reliability.

## PRECISE INFORMATION FOR PERFECT OPERATION

**The suction unit informs the operator of:**

- Vacuum level
- Current absorption
- Room temperature
- Running hours
- Maintenance
- Machine temperature
- Amalgam level

## ACTIVE SELF-PROTECTION

Through the inverter control system and a computerized programme which monitors the operational parameters of the machine, Turbo Smart HP can adjust to cope with various extreme conditions.

This unique feature allows Turbo Smart HP to continue running, unlike fixed speed aspirators which can fail over time.

For example:

- In environmental conditions such as high temperature, the suction unit will automatically decrease the level of vacuum in order to restore the correct operating temperature. Therefore, limiting any damage to the machine and ensuring the end user can continue working;
- If there is a 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;
- If there is any sudden voltage change or power surge, within pre-set limits, the electronics protect the machine allowing operation to continue;

Any problems occurring during operation are highlighted on the display.

WARRANTY* 3 YEAR

EXTENDED WARRANTY* 2 YEAR NOW AVAILABLE

# INFORMATIVE DISPLAY

Through simple and easy operations on the keypad you can monitor the working status of the unit.

The unit also has a memory which keeps a record of all errors, and is equipped with software that monitors a series of technical parameters allowing precise analysis of possible anomalies.

## Turbo Smart HP

| | |
|---|---|
| Output power: | 2.7kW 12A 230V 50/60Hz |
| Max. flow: | 1900 l/min |
| Max. vacuum level: | 340mbar (continuous service) |
| Noise level: | 70dB(A) |
| Dimensions: | W460 D350 H765 (mm) |
| Net Weight: | 55kg |
| Gross Weight: | 75kg |
| TUV certified: | 98.1% amalgam retention |

### WI-FI CONNECTION

As part of Cattani's Warranty all Smart suction systems have to 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 and modify the vacuum level remotely
- Alerts the dentist to maintenance requirements (such as amalgam pot level)

**SMART THINKING, THE WAY WE INNOVATE.**

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

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

**Constant research:** this lets us apply the latest technology in all of our products and solutions.

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

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

**We reduce environmental impact:** we save 50% on raw materials in the production stage and our customers save between 30% and 50% on electrical consumption thanks to inverter drive technology.

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