CERTIFIED MEDICAL DEVICE

SMARTAPP WARRANTY PROTECTION

MICRO SMART
SINGLE SURGERY

FLEXIBLE RELIABLE POWERFUL

CATTANI AIR TECHNOLOGY UK

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FLEXIBLE, RELIABLE AND POWERFUL SINGLE SURGERY, VARIABLE SPEED SUCTION SYSTEM

CATTANI MICRO SMART

Designed with three different preset vacuum settings: 70, 100 and 210 millibar, Micro Smart can easily adjust to different demand for the surgeries. However, different settings can be programmed by the operator at any time.

By pressing the desired preset button on the control panel, the vacuum level can be easily set according to the type of procedure being performed. The system can also be controlled remotely via the WI-FI connection.

Cattani UK recommend the following vacuum settings:

100 MBAR

Is recommended for the use of the saliva ejector to maintain a low level of fluids at the base of the mouth, without damaging delicate tissues.

160 MBAR

Is recommended for the use of the HVE spray interceptor which aspirates the stream of water and air from the syringe and rotating instruments, such as the sprays from scalers. Keeping discomfort and noise caused by the aspirated air to a minimum.

210 MBAR

Recommended for the use of the surgical tip, which keeps the operating area clear and provides good visibility, also aiding in cross infection control.

Micro Smart is supplied with a 3 year warranty*.

An additional 2 year warranty* can now also be purchased, increasing the warranty from 3 to 5 years.

WARRANTY 3 YEAR*

EXTENDED WARRANTY 2 YEAR* NOW AVAILABLE

* Warranties are subject to Terms and Conditions of servicing schedule.
Registration on SmartApp should be completed by an engineer upon installation and is a requirement of the units warranty (see our terms and conditions for further information).
Additional 2 year warranty must be purchased with the unit at point of sale.

SMARTAPP REGISTRATION
PROTECT YOUR WARRANTY

Registration is free and will ensure you receive the full product warranty.

SCAN ME

SMARTAPP WARRANTY PROTECTION

OPTIONAL EXTRA

Sound-Reducing Cover for motor

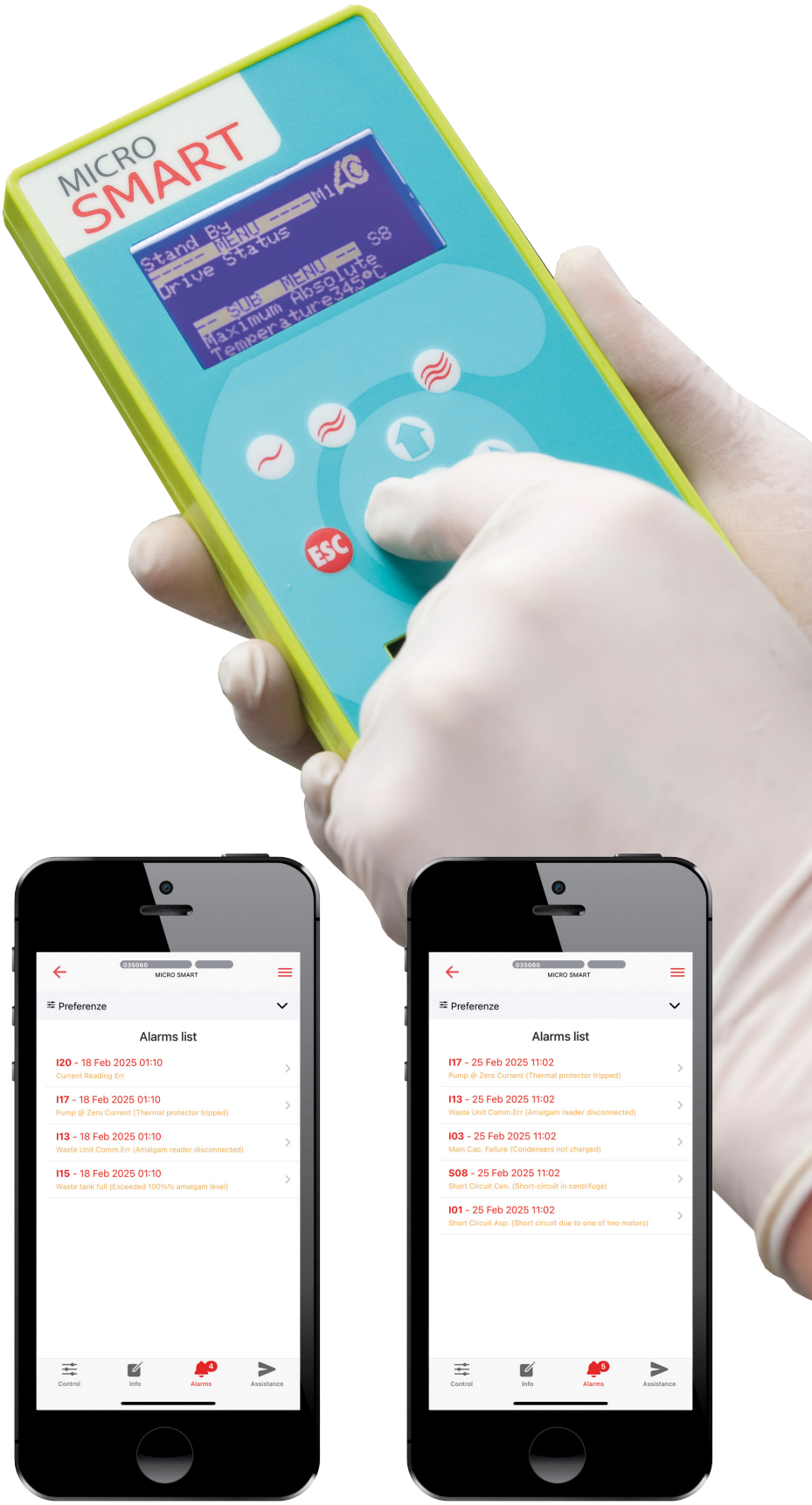
Which can reduce noise levels to between 63 - 68.5 dB(A)

CERTIFIED TUV AMALGAM RETENTION

A DISPLAY THAT COMMUNICATES

Through simple and easy operations on the keypad you can monitor the operating status of the suction system.

The unit's software monitors a range of technical parameters, allowing precise analysis of any possible anomalies. The unit also has a memory function, which records a log of any errors.



ACTIVE SELF-PROTECTION

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

This unique feature allows Micro Smart to continue running, unlike fixed speed aspirators which will fail over time.

For example:

- In environmental conditions such as high temperature, the suction unit will adapt and decrease the vacuum for the time needed to restore the correct operating temperatures, allowing the unit to keep running and avoid causing damage to the system. In extreme temperatures and/or poor installation the unit may stop completely to avoid damage.

- 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.

MAGNOLIA WARRANTY PROTECTION

WI-FI CONNECTION

As part of Cattani's Warranty all Smart suction systems must 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)

ADDITIONAL EXTRAS

Sound-Reducing Cover for motor can reduce noise levels to 63 - 68.5 dB(A)

Sound-Reducing Cabinet can reduce noise levels to 41 - 48 dB(A)

Outdoor Housing which is temperature controlled with a thermostatic cooling fan

Micro Smart

No. of Surgeries:	1 surgery
Output power:	1.12kw 8A 230V 50Hz
Max. flow:	900 l/min
Max. vacuum level:	210mbar (continuous service)
Noise level:	64-71dB(A)
Dimensions:	W370 D340 H590 (mm)
Net Weight:	23kg
Gross Weight:	33kg
TUV certified:	98.9% amalgam retention

MICRO SMART IS A SUCTION SYSTEM DESIGNED AROUND THE PRINCIPLES OF ECO-SUSTAINABILITY:

- reduction in materials used to produce the unit;
- the use of VSD (Variable Speed Drive) technology results in longer motor life, reduction in electrical consumption and operating costs;
- unique flexibility and new performance options to the clinic that were previously unavailable.

Micro Smart's suction motor weighs only 7kg, however thanks to VSD technology it outperforms suction motors of double its weight and dimensions. The VSD facilitates optimal utilisation of the motor and reduces operating costs.

The energy saving is most evident when the suction is underutilised; when the demand on the suction decreases the VSD reduces the power frequency to reduce speed. The reduction in motor speed results in a reduced energy absorption by the motor, providing a saving in electrical consumption.

SMART THINKING, THE WAY WE INNOVATE.

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

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CATTANI AIR TECHNOLOGY UK

CATTANI AIR TECHNOLOGY IRELAND

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.

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