



 **COCOON**™

Scaling and polishing  
a winning combination



# With COCOON, 1 second's scaling = 10 meters' scraping Imagine doing that by hand?



Unknown to canines and felines in the wild, calculus affects 80% of dogs and 70% of cats over three years of age (American Association of Veterinary Dentistry).

Periodontitis-related conditions are the most common dental infections caused by bacterial plaque and calculus build-up in the absence of a regular hygiene program (BSAVA and The Journal of Veterinary Dentistry).



The consequences of this are:

1. Bad breath
2. Bleeding and inflamed gums
3. Gingival retraction
4. Loosening or loss of teeth

Following a hygiene program and a controlled and balanced diet under the pet owner's supervision will not be sufficient to prevent the occurrence of dental illness.

A regular check-up (annual), including an examination, probing and scaling by a veterinarian, is essential for keeping pets in good health.

Complete removal of calculus, deposits and discoloration, (or even elimination of bacterial plaque) no longer needs to be undertaken with manual instruments as they are:

- Time-consuming and tedious
- Trying for the veterinary surgeon
- Of mediocre quality (enamel surface damage, increased bacterial plaque retention factor).

SATELEC's unique technology means:

- Prevention is unnecessary thanks to efficient scaling
- Treatment of gum disease (periodontitis: curettage of pockets under 5mm)
- Root canal treatment (endodontics: irrigation, devitalization, disinfection and preparation of the canal).

SATELEC has included a piezoelectric module (SP 3055 S) in the design of the COCOON™, which is one of the latest ultrasonic generators offering:

- **Rapidity:** the cavitation generated by ultrasonic accelerates mechanical elimination of calculus and deposits
- **Optimal control of the microtip:** piezoelectric generators produce linear vibrations of the instrument, contrary to former generations of ultrasonic
- **Power:** the self-regulated frequency of 27 to 32kHz produces better power than pneumatic instruments
- **Can be upgraded:** the widest choice of ultrasonic microtips available on the market.

COCOON™ by SATELEC, which is the result of over 20 years' work with veterinary practices, also contains an electric micro-motor device (AV40) which is driven electronically, developing 40,000 RPM and is self servo-controlled at 1.8Ncm, allowing treatment within:

- **Prevention:** polishing and elimination of discoloration with a contra-angle designed for prophylaxis
- **Endodontics:** removal of necrotized pulp, preparation of cavities with speed-reducing contra-angle handpieces
- **Periodontitis:** polishing after sub-gingival curettage
- **Prosthesis:** preparation of fractured teeth prior to bracing with speed-increasing or standard contra-angle handpieces.

COCOON™ by SATELEC enables fast and efficient treatment of domestic pets: it is the ideal answer for both specialist and general veterinary practices to make dentistry a profitable part of the treatment of household pets.