ACTEON Diagnostic / Clinical Intraoral Cameras

Integration for A-dec

SOPROCARE

SOPROLIFE



ACTEON
NORTH AMERICA

SOPROLIFE

SOPROLIFE allows you to see what was once invisible to the naked eye by providing greater accuracy in identifying, evaluating and determining the location of a carious lesion with image magnification of 30 to 115 times.

SOPROLIFE can detect tooth decay at different stages of its development allowing the doctor to determine the most effective course of treatment. With the push of a button the blue LED lights are activated and variations in the amelodentinal architecture results in visible color changes to the tooth's image detecting both occlusal and interproximal decay.

The dental professional now has the ability to involve the patient in all stages of treatment.



SOPROCARE



The **SOPROCARE** concept was developed to assist the dental professional during prophylaxis and periodontal treatment in the dental office.

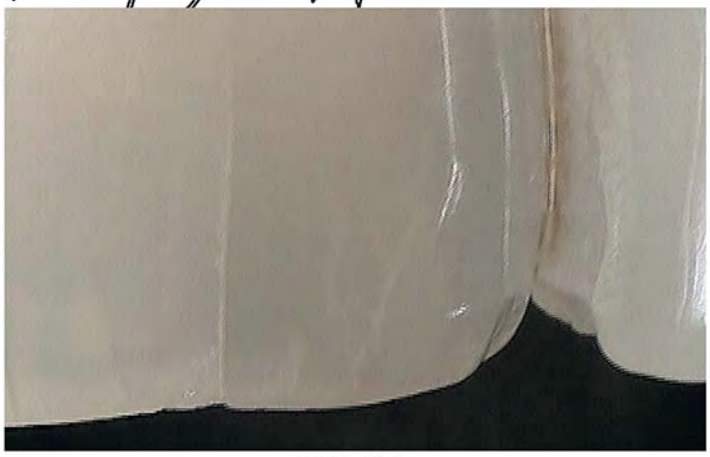
The camera utilizes unique fluorescence technology (SOPRO patent* - 2003) to illuminate dental tissue to reveal caries, as well as plaque and tartar.

In addition, **SOPROCARE** is the first product on the market to reveal gingival inflammation.

In Daylight Mode, **SOPROCARE** can also be used as a camera, providing all of the necessary tools to perform a complete and time efficient oral examination.

The dental professional can now achieve complete prophylactic treatment with one device.

Daylight Mode For your daily intraoral needs

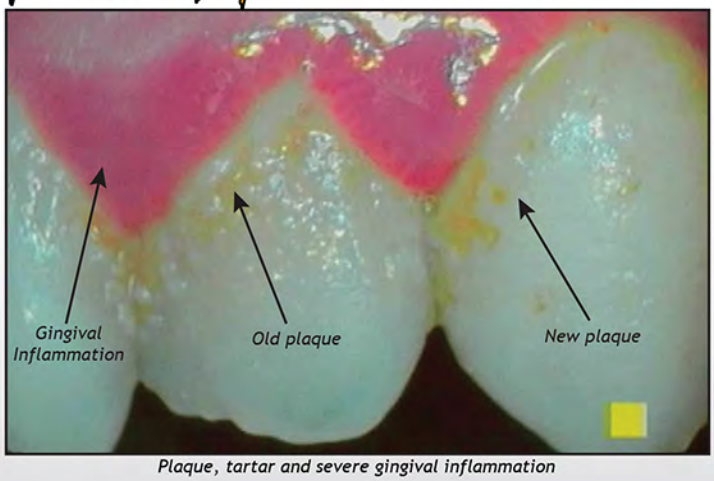


Surface State

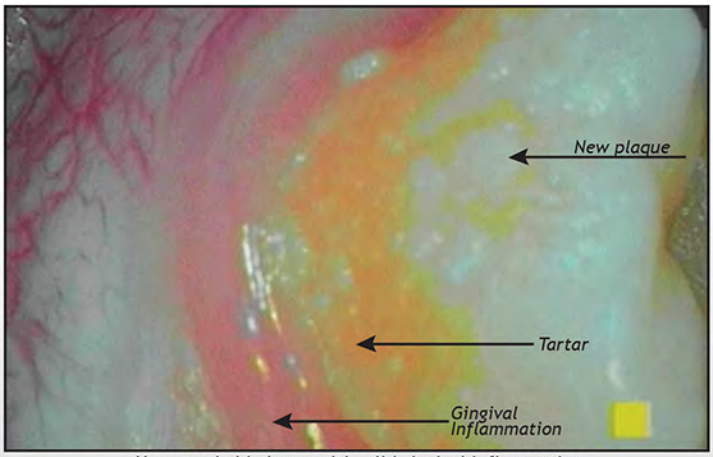


Cracked Tooth

Perio Mode Plaque / Tartar and Gingival Inflammation



Plaque, tartar and severe gingival inflammation



Young and old plaque with mild gingival inflammation

Cario Mode Detection of occlusal caries



Occlusal Decay



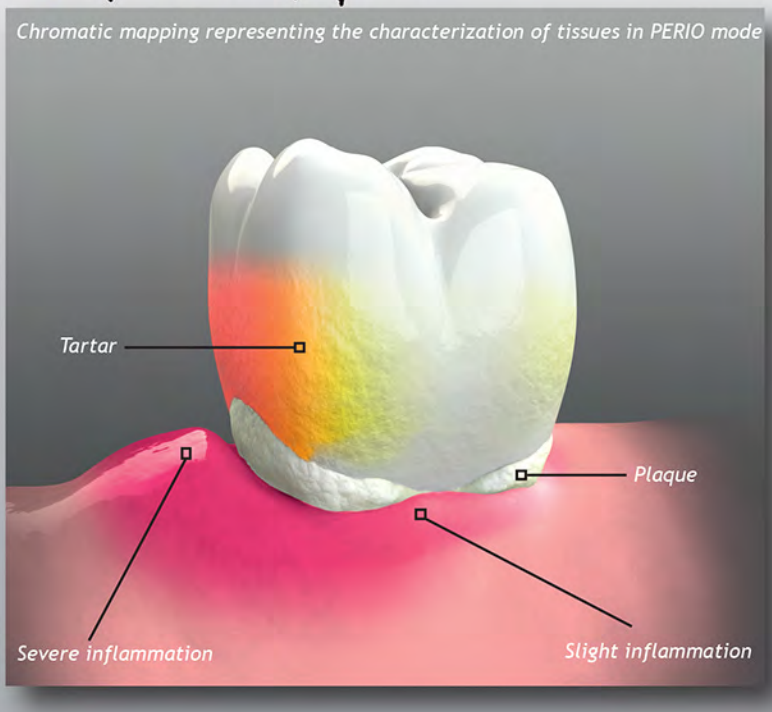
Occlusal Decay

SOPROCARE

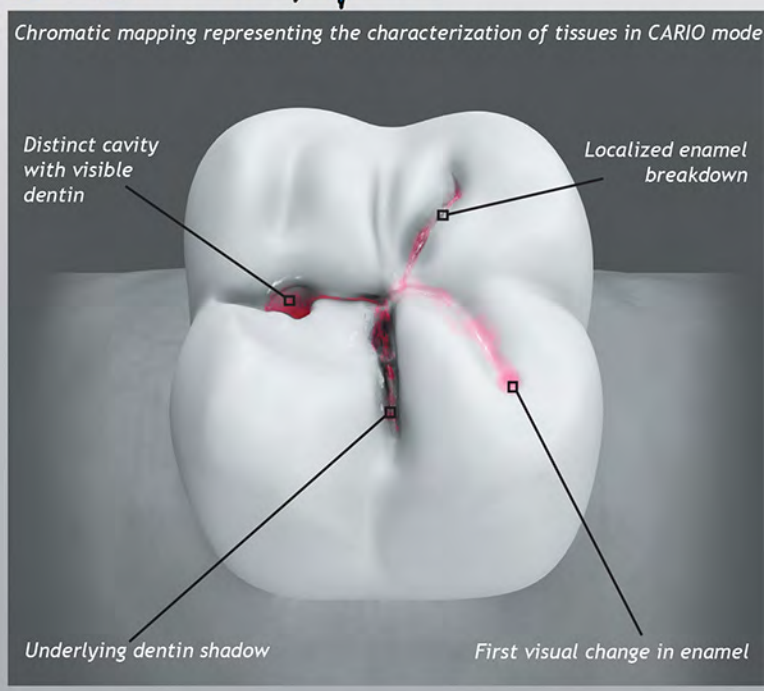




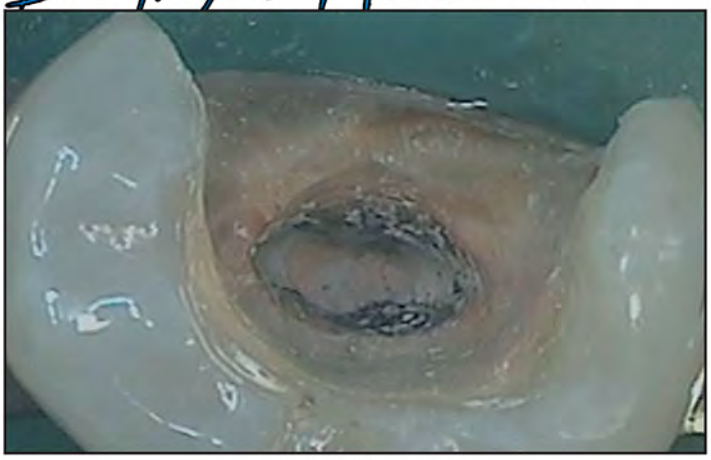
Perio Mode



Cario Mode



Daylight Mode For your daily intraoral needs

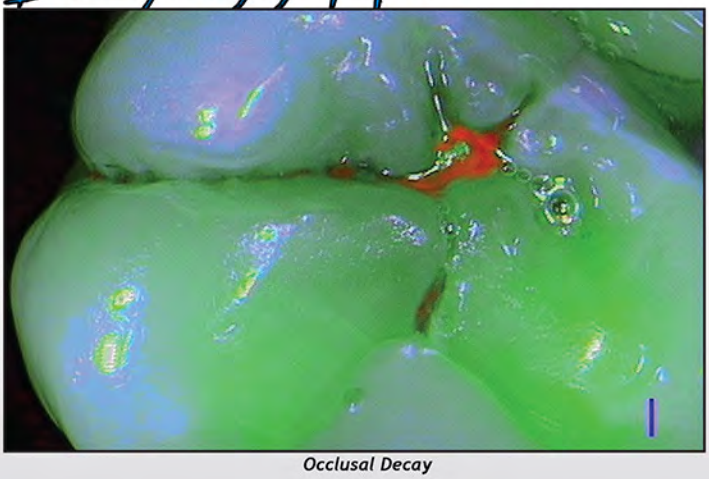


Pulp Chamber

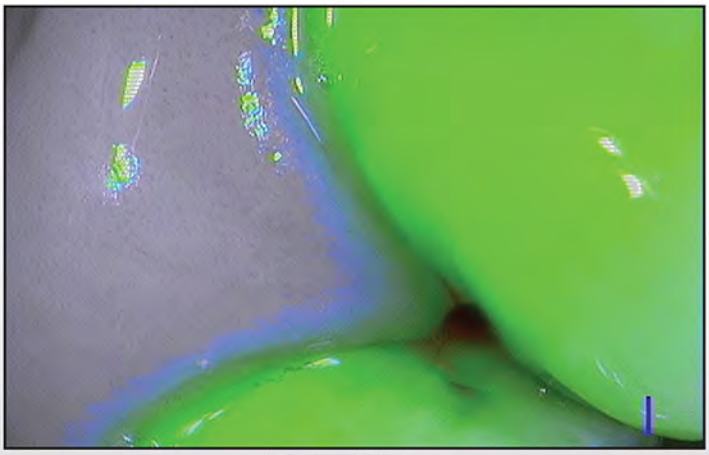


Broken Amalgam

I Diagnosis Mode Detection of Caries

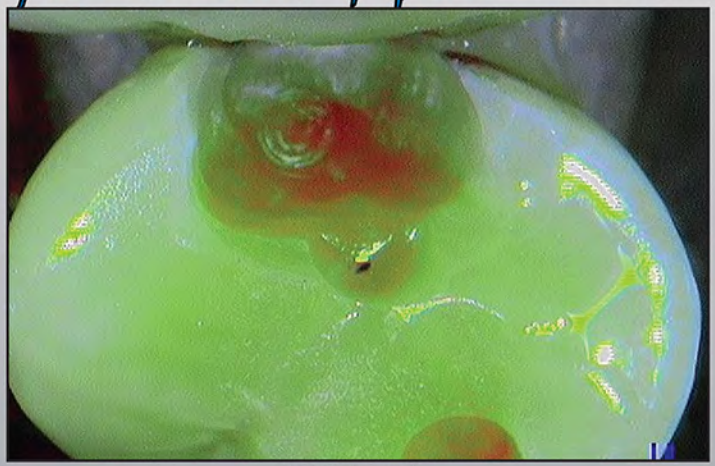


Occlusal Decay



Interproximal Decay

II Treatment Mode During excavation process



During Excavation



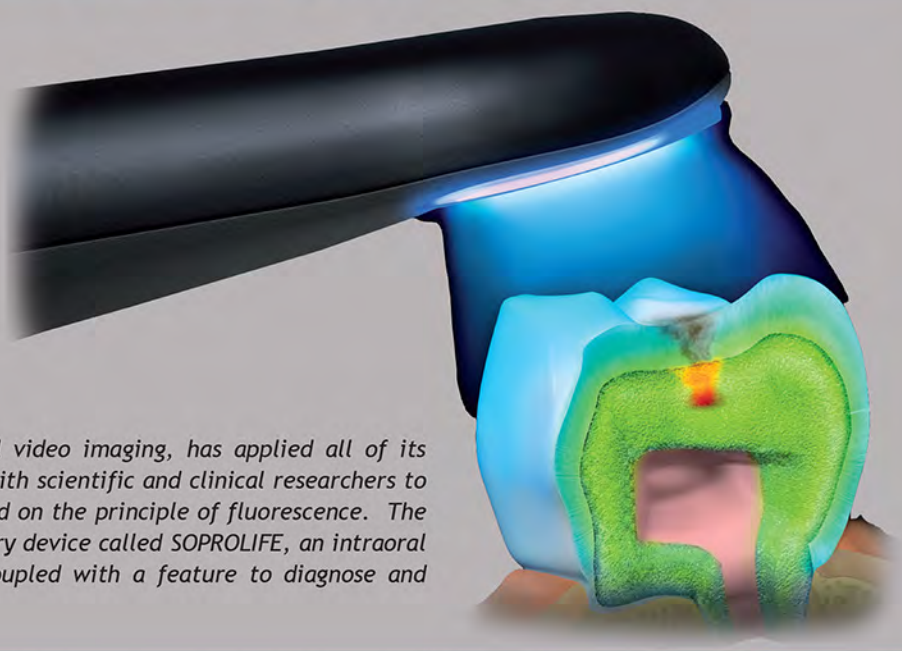
Excavation Complete

SOPROLIFE





Patented Fluorescence Technology



SOPRO, the world leader in dental video imaging, has applied all of its technical expertise in conjunction with scientific and clinical researchers to develop a patented technology based on the principle of fluorescence. The result of this effort is a revolutionary device called SOPROLIFE, an intraoral camera with high image quality coupled with a feature to diagnose and treat caries.

Technical Specifications



SOPRO LIFE

High sensitivity 1/4" CCD .....
Resolution .....(752 x 582) PAL; (768 x 494) NTSC
Lighting .....White mode - 4 LED / Blue mode - 4 LED
Focal Adjustments: .....4 pre-set positions(Extraoral, Intraoral, Tooth, Macro)
Capture image with SoproTouch or pedal (option)
Angle of view .....70°
Cable Length .....2.5m / 8.2'

Dimensions of the handpiece:
Handpiece size .....0.9" x 1.1" x 7.8" (HWL)
Weight .....78g / 2.75oz



SOPRO CARE

High sensitivity 1/4" CCD .....
Resolution: .....(752x582) PAL; (768x494) NTSC
Lighting .....White mode - 4 LED / Blue mode - 3 LED
Focal Adjustments: .....4 pre-set positions (Extraoral, Intraoral, Tooth, Macro)
Capture image with SoproTouch or pedal (option)
Angle of view .....70°
Cable Length .....2.5m / 8.2'

Dimensions of the handpiece:
Handpiece size .....0.9" x 1.1" x 7.8" (HWL)
Weight .....78g / 2.75oz



SOPRO Mini Dock U_USB2

Storage .....Computer software dependent
Power supply USB2
Power consumption ..... Typical power: 2.5 VA
One output ..... One digital USB 2.0 input

Dimensions of the Dock:
Height ..... 30 mm / 1.18"
Width ..... 48 mm /1.88"
Length ..... 48 mm /1.88"
Weight ..... 22 g / 0.91oz

INTEGRATED FOR A-DEC

SOPRO Dock MU USB

Storage .....One or four images
Power supply .....24v- ; 50Hz - 60Hz
Power consumption .....10 VA
One video output .....PAL or NTSC
One S-video output .....PAL or NTSC
One output USB2.0

Dimensions of the Dock:
Height .....36mm / 1.41"
Width .....72 mm / 2.83"
Length .....100 mm / 3.93"
Weight .....180g / 6.34oz

F0314 Rev. 01/14/15

Compatible with:

Mac OS® / Apple® & Windows® ✓64-bit ✓32-bit

85.6165.00/ACTEON/Prism color/8,000/01/14/15 /REV C

ACTEON North America • 124 Gaither Drive, Suite 140 Mount Laurel, NJ 08054
Tel - (800) 289 6367 • Fax - (856) 222 4726
Web Site: www.acteonusa.com • E-mail: info@acteonusa.com

ACTEON NORTH AMERICA