SoproCARE
- High sensitivity..........................1/4" CCD
- Resolution..........................(752x582) PAL; (768x494) NTSC
- Lighting..................................................7 LED (3 white, 3 blue)
- Focus adjustment........................................4 pre-set positions
- (Extraoral, Intraoral, LIFE, Macro)

Dock M-Video
- Storage of one or four images
- Power supply: 115V ~ 60Hz & 230V ~ 50Hz
- Power consumption: 9W
- One PAL or NTSC video and 5-video output
- Dimensions (mm): L 145 x W. 130 x H. 35
- Weight: 245g
- Cable length: configurable

Dock M-USB2
- Storage of one or four images
- Power supply: 115V ~ 60Hz & 230V ~ 50Hz
- Power consumption: 9W
- One PAL or NTSC video and 5-video output
- One digital USB 2.0 output
- Dimensions (mm): L 145 x W. 130 x H. 35
- Weight: 245g
- Cable length: configurable

Dock Usb2
- One digital USB 2.0 output
- Dimensions (mm): L 100 x W. 46 x H. 20
- Weight: 155g
- Cable length: 2.5m

Windows® minimum configuration required
- Operating system .................Windows 7 SP1
- Processor..........................Core2duo - 3GHz
- RAM............................................................2GB
- Hard disk..........................................250GB
- USB ports..........................4 USB2 Hi-Speed ports
- Graphic card.............................. 512 MB RAM unshared memory compatible Direct3D 9
- USB Chipset..............................Intel or NEC / RENESAS
- Screen resolution.................1280 x 1024

Mac® minimum configuration required
- Processor..........................Intel Core i7
- RAM............................................................4GB

Mac® recommended configuration
- Computer..............................iMac 27"
- Operating system..............Mac OS X El Capitan
- Processor..........................Intel Core i7
- RAM............................................................4GB

SoproLIFE
- High sensitivity..........................1/4" CCD
- Resolution..........................(752x582) PAL; (768x494) NTSC
- Lighting........................................White Mode: 4 LED; Blue Mode: 4 LED
- Focus adjustment........................................4 pre-set positions
- (Extraoral, Intraoral, LIFE, Macro)

Dock M-Video
- Storage of one or four images
- Power supply: 115V ~ 60Hz & 230V ~ 50Hz
- Power consumption: 9W
- One PAL or NTSC video and 5-video output
- Dimensions (mm): L 100 x W. 72 x H. 36
- Weight: 190g
- Cable length: configurable

Dock M-USB2
- Storage of one or four images
- Power supply: 115V ~ 60Hz & 230V ~ 50Hz
- Power consumption: 9W
- One PAL or NTSC video and 5-video output
- One digital USB 2.0 output
- Dimensions (mm): L 100 x W. 72 x H. 36
- Weight: 190g
- Cable length: configurable

Dock USB2
- One digital USB 2.0 output
- Dimensions (mm): L 100 x W. 46 x H. 20
- Weight: 155g
- Cable length: configurable

Windows® recommended configuration
- Operating system .................Windows 10
- Processor..........................Intel Core i5
- RAM............................................................4GB
- Hard disk..........................................250GB
- USB ports..........................4 USB2 Hi-Speed ports
- Graphic card.............................. 512 MB RAM unshared memory compatible Direct3D 9
- USB Chipset..............................Intel or NEC / RENESAS
- Screen resolution.................1280 x 1024 or more

Mac® recommended configuration
- Computer..............................iMac 27"
- Operating system..............Mac OS X El Capitan
- Processor..........................Intel Core i7
- RAM............................................................4GB

Sopro717 First
- High sensitivity..........................1/4" CCD
- Resolution..........................(752x582) PAL; (768x494) NTSC
- Definition...............................................470 lines
- Sensitivity..............................................2 lux
- Lighting..................................................8 LED
- Focus adjustment........................................3 pre-set positions
- (Extraoral, Intraoral, LIFE, Macro)

Dock M-Video
- Storage of one or four images
- Power supply: 115V ~ 60Hz & 230V ~ 50Hz
- Power consumption: 9W
- One PAL or NTSC video and 5-video output
- Dimensions (mm): L 100 x W. 72 x H. 36
- Weight: 190g
- Cable length: configurable

Dock M-USB2
- Storage of one or four images
- Power supply: 115V ~ 60Hz & 230V ~ 50Hz
- Power consumption: 9W
- One PAL or NTSC video and 5-video output
- One digital USB 2.0 output
- Dimensions (mm): L 100 x W. 72 x H. 36
- Weight: 190g
- Cable length: configurable

Dock USB2
- One digital USB 2.0 output
- Dimensions (mm): L 100 x W. 46 x H. 20
- Weight: 155g
- Cable length: configurable

Windows® minimum configuration required
- Operating system .................Windows 7 SP1
- Processor..........................Core2duo - 3GHz
- RAM............................................................2GB
- Hard disk..........................................250GB
- USB ports..........................4 USB2 Hi-Speed ports
- Graphic card.............................. 512 MB RAM unshared memory compatible Direct3D 9
- USB Chipset..............................Intel or NEC / RENESAS
- Screen resolution.................1280 x 1024

Mac® minimum configuration required
- Processor..........................Intel Core i7
- RAM............................................................4GB
THE PRINCIPLE OF AUTOFLUORESCENCE...

1) The photons provided by an external light source illuminate the tooth tissues (enamel and dentin).
2) The energy applied by the excitation source (Blue LED) to the tooth tissues causes an energy surge in the material's elementary particles, which then become very unstable.
3) To be able to return to a situation of stability, the excess energy is released by emitting photons lower in energy than the excitation source and those with higher wavelength (Stokes' Law).

SELECTIVE CHROMATIC AMPLIFICATION...

Due to the combination of blue light absorption by soft tissue and selective chromatic amplification, SoproCARE® improves visibility of all areas of tissue inflammation.

LESS INVASIVE

HIGHLIGHT PATHOLOGIES AND MOTIVATE THE PATIENT

The autofluorescence makes it possible to detect decay even at its earliest stages, without subjecting the patient to any unnecessary radiation. SoproCARE® also reveals dental plaque without using plaque disclosing solutions, and highlights gingival inflammation painlessly.

Improve clinical performance and easily communicate the treatment plan to your patient. The patient is involved in making decisions and accepts the treatment.

Images can be captured and stored into any imaging software giving you all of the necessary tools to practice minimally invasive dentistry.

* Some examples of sponsored studies:

CREATOR OF IMAGING INNOVATIONS

PATENTED AUTOFLUORESCENCE TECHNOLOGY

The ACTEON® imaging team has patented a technology based on the principle of autofluorescence.

ACTEON® intraoral cameras provide a real-time fluorescence signal of the tooth superimposed on its anatomical image, revealing invisible tissues.

MORE INVENTIVE

PATENT BASED ON THE COMBINATION OF ANATOMICAL TOOTH IMAGE AND FLUORESCENCE SIGNAL

"Our scientific and clinical research* in collaboration with universities and key opinion leaders all around the world, help us develop relevant innovations that meet the perpetually evolving clinical needs.

In the autofluorescence field, this synergy of knowledge resulted in the creation of an international scientific congress. This approach of innovation applies to all products that we are developing within ACTEON®."

* Some examples of sponsored studies:
ENHANCE CLINICAL EXAMINATION CAPABILITIES

Take the guesswork out of caries detection
Autofluorescence improves your vision during clinical examination and expands your diagnostic capabilities. Highlight caries and provide the most appropriate treatment for your patients.

Early detection of lesion for less invasive treatment
Manage your clinical decisions depending on the individual's caries risk and preserve tooth structure.

Protect your patient from any unnecessary radiation
The fluorescence concept surpasses the limitations of digital radiology in the detection of caries. Promote better patient care by reducing the number of necessary X-rays.

Save time
Speed up the decision-making process by improving your diagnostic capabilities and optimizing your clinical examination.

PERFORM LESS INVASIVE TREATMENT

Eliminate uncertainty
Easily distinguish between healthy and infected tissue to determine the limits of excavation, and consequently preserve the pulp. Fluorescence makes treatment easier, improving efficiency and productivity.

Improve the quality of your treatment
Preserve healthy teeth while removing all infected tissue.
REVEAL PLAQUE AND GINGIVAL INFLAMMATION

INSTANTANEOUSLY HIGHLIGHT

PLAQUE AND GINGIVAL INFLAMMATION

Perform a complete and rapid assessment of the patient's oral health, without adding plaque disclosing solution.

- Gingival inflammation: from hues of pink to deep magenta depending on the severity
- Plaque: grainy white
- Calculus: shades of yellow and orange

PREVENT HYGIENE PATHOLOGIES

Early identification of hygiene pathologies will result in early intervention and minimally invasive treatment.

Maintain the patient's health and the longevity of their natural dentition.

CONTROL HYGIENE EVOLUTION

Encourage your patient by showing them their progress over time, for long term quality treatment.

STUDY:


UNIQUE PROPHYLAXIS TREATMENT WITH FLUORESCENCE

Fluorescence brings better vision for a faster and more efficient treatment.

1. Diagnosis and Communication with Patients
   \[\textit{SopruCARE}\]

2. Guided treatment in real time
   \[\textit{NEUTRON}\] \[\textit{FLAG}\] \[\textit{FOR 8-LED}\]

3. Treatment finishing by Polishing
   \[\textit{AIR N GO EASY}\]

4. Control and follow-up
   \[\textit{SopruCARE}\]
ACTEON intraoral cameras exceed the limitations of the naked eye and offer high quality images with magnification of up to 115 times. With MACROVISION, the infinitely small appears before your eyes.

**THIS IS MACROVISION**

*Enhance your vision during examination*
See details otherwise not visible to the naked eye. Closely monitor micro fractures and the development of small lesions.

*Improve your clinical performance*
Take a more detailed look into dental cavity preparation and be more accurate during treatment.

**SoproCARE**
SoproLIFE
Sopro 717 First

**Improve patient communication**
Highlight pathologies in an image and easily explain clinical procedures. Facilitate dialogue to address objections and patient concerns.

**Increase treatment acceptance**
Patients become more involved, meaning they soon understand the importance of their planned treatment. Improve efficiency and productivity!

**Educate your patient**
Use real images to make the patient more attentive and confident about your advice.

**Follow up**
Provide effective and efficient treatment planning by saving the images directly into the patient chart. Easily compare images from past patient visits and monitor progress.

**SoproCARE**
SoproLIFE
Sopro 717 First

**Sopro 617**

**SoproCARE**
SoproLIFE
Sopro 717 First

**Sopro 617**

**SEE THE INFINITELY SMALL**

**COMMUNICATE AND MOTIVATE WITH IMAGES**

**SPEAK THE SAME LANGUAGE AS YOUR PATIENT!**
The power of autofluorescence

- **DIAGNOSTIC mode**: identify the development of occlusal and proximal carious lesions.
- **TREATMENT mode**: perform minimally invasive treatment by preserving healthy tissue.
- **DAYLIGHT mode**: from portrait to macrovision, obtain sharp images with the large depth of field.

SoproLIFE offers two different types of vision: white light (daylight) and blue light (fluorescence).

SoproLIFE® is a revolutionary camera that differentiates between healthy and infected tissue facilitating less invasive treatments.

3 needs, 3 modes

- **CARIO mode**: caries are detected as red, surrounding tissue is displayed in black and white.
- **PERIO mode**: highlight plaque, calculus, and gingival inflammation.
- **DAYLIGHT mode**: communicate more effectively with your patient and see details that are not visible with the naked eye.

SoproCARE is an unmatchable communication tool in the dental practice!
MACROVISION REVEALS WHAT WAS ONCE INVISIBLE

COMMUNICATE WITH YOUR PATIENTS: USE AN IMAGE, THE KEY TO EDUCATION AND CASE ACCEPTANCE

Magnification of the image up to 115 times
- Large depth of field from extraoral to macrovision
- Exceptional image quality provided by a highly sophisticated optical system
- Extremely small camera head for easier access
- Successfully capture images with a simple glide over the SOPRO® touch

SOPRO® 717 reveals micro fissures, infiltrations, lesions, everything that is not visible with the naked eye.

SOPRO® 617 is easy to use for patient communication, and a great asset for case acceptance.

Simplicity in the palm of your hand
- Rounded shape and thin distal part for maximum accessibility and unrivaled patient comfort
- 105° angle of view for better exploration of distal areas
- Fixed focus with large depth of field, providing high quality images
- Ease of use: point and shoot

State of the seal of the amalgam
Infiltrated occlusal groove
Infiltrated occlusal groove
The medical devices for dental care SoproCARE®, SoproLIFE®, SOPRO®-617, SOPRO® 717 first are of class IIa and manufactured by SOPRO®, notified body LNE/GMED. NEWTRON® and EXCAVUS® are of class IIa and manufactured by SATULEC, notified body LNE/GMED. EXPASYL™ is of class I and manufactured by PIERRE ROLAND, notified body LNE/GMED. These medical devices are not refunded by health insurance organizations. Read carefully the instructions on the labelling before use.

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“All other trademarks cited herein are the property of their respective owners”