TECHNICAL SPECIFICATIONS

SOPIX²

Size 1
External dimensions.....25 x 39mm
Active surface area.....600mm2 (20 x 30mm)
Number of pixels.....1.50million

SOPIX inside system
Technology.....CMOS + scintillator+ optic fiber
Pixel size.....20µm x 20µm
Theoretical resolution.....25lp/mm Real resolution.....>12lp/mm Supplied imaging software.....Sopro Imaging TWAIN module.....Yes

SOPIX² USB connection
Connection.....USB 2.0 Total cable length.....3.70m

Size 2
External dimensions.....31 x 42mm
Active surface area.....884mm2 (26 x 34mm)
Number of pixels.....2.21millions

SOPIX²
Technology.....CMOS + scintillator + optic fiber
Pixel size.....20µm x 20µm
Theoretical resolution.....25lp/mm
Real resolution.....>18lp/mm
Supplied imaging software.....Sopro Imaging TWAIN module.....Yes

SOPIX inside USB connection
Connection.....USB 2.0
Sensor cable length.....0.70m

PSPIX²

System
Resolution..... 20 lp/mm
Scan Time (fast mode).....1,6s - 2,7s
Scan Time (high definition mode).....2,1s - 3,6s
Connection..... Ethernet RJ-45
Dimensions..... L. 154 x D. 204 x H. 193 mm
Weight.....2,6 kg
Operating voltage..... 100 - 240V ~ 50 - 60 Hz

Imaging Plates
Dimensions IP Size 0.....22 x 35 mm
Dimensions IP Size 1.....24 x 40 mm
Dimensions IP Size 2.....31 x 41 mm
Dimensions IP Size 3.....27 x 54 mm
Dimensions IP Size 4 (3 x IP Size 3).....69 x 54 mm

COMPUTER CONFIGURATION

Windows® minimum configuration required
Operating system.....Windows 7 SP1
Processor.....Core 2 Duo - 3GHz
RAM.....2 GB
Hard disk.....250 GB
Graphic card..... 512 MB RAM unshared memory .....compatible DirectX 9
Screen resolution..... 1280 x 1024
Ethernet board..... 100 Mbps - 1 Gbps

MAC® minimum configuration required
Computer.....MacBook® Pro 13.3” or iMac® 21.5”
Operating system..... OS X Mavericks
Processor..... Intel® Core 2 Duo
RAM.....2 GB
Ethernet board.....1 Gbps

Windows® minimum configuration required
Operating system.....Windows 10
Processor.....Intel Core i5
RAM.....4 GB
Hard disk.....1 TB
Graphic card..... Chipset Nvidia® or ATI® 2 GB unshared memory compatible DirectX 9 or more
Screen resolution.....1280 x 1024 or more
Ethernet board.....1 Gbps

MAC® minimum configuration required
Computer..... iMac 27”
Operating system..... OS X El Capitan
Processor.....Intel Core i7
RAM.....4 GB
Ethernet board.....1 Gbps

For Yosemite and El Capitan operating systems, a Mac computer from 2013 or later is required.

Note: In the case of SOPIX inside and SOPIX2 inside, the IEC 60601-2-65 norm requires for each X-Ray intraoral system with an onboard digital sensor to use a square collimator.

Note: The data transfer from the intraoral system X-Mind unity to SOPRO® Imaging is not available on SOPRO® Imaging Mac version yet.

The medical devices for dental care SOPIX® Series are of class IIa and manufactured by SOPRO®, notified body LNE/GMED, X-Mind unity is of class IIb and manufactured by DE GOTZEN, notified body DNV - CE 0434. These medical devices are not refunded by health insurance organizations. Read carefully the instructions on the labelling before use.

The medical device for dental care PSPIX® is of class IIa and manufactured by SOPRO® notified body LNE/GMED. This medical device is not refunded by health insurance organizations. Read carefully the instructions on the labelling before use.

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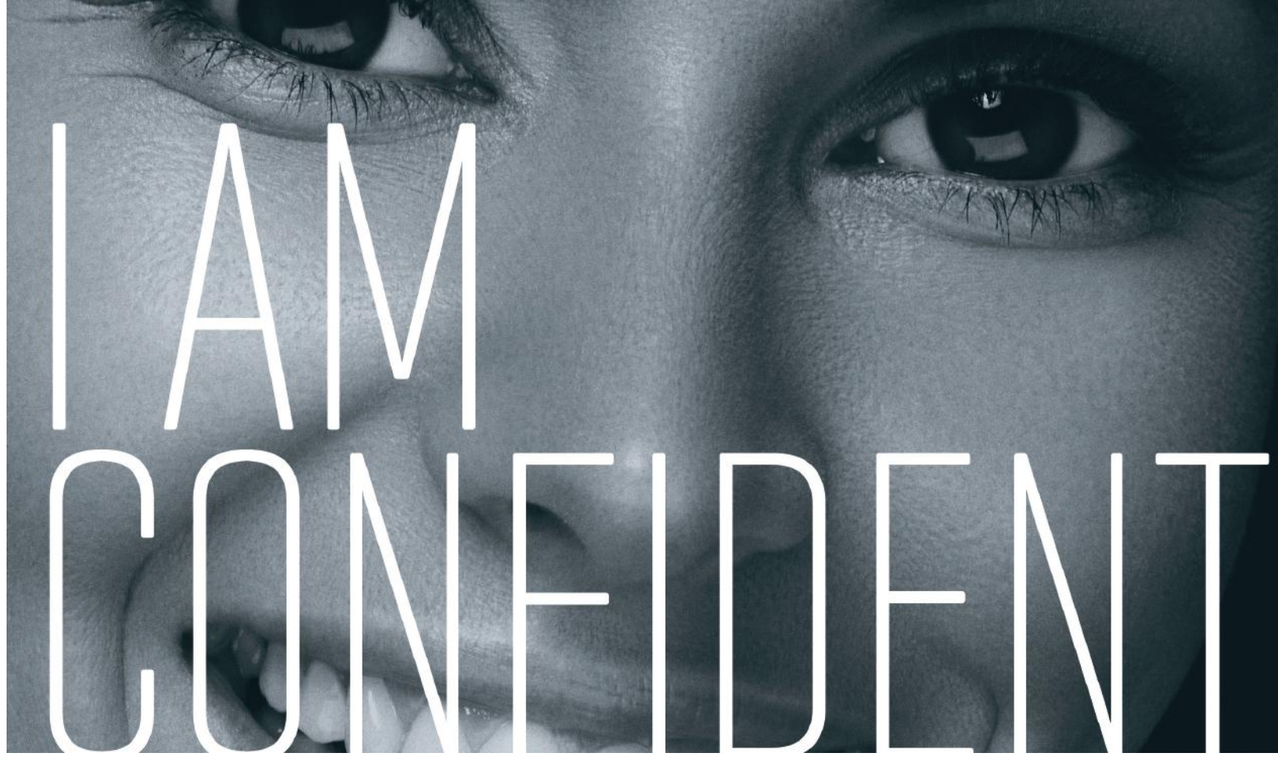
MORE INVENTIVE LESS INVASIVE

ACTEON



PSPIX²

The cordless imaging plate scanner

SOPIX²

A perfect image every time with minimum exposure to radiation

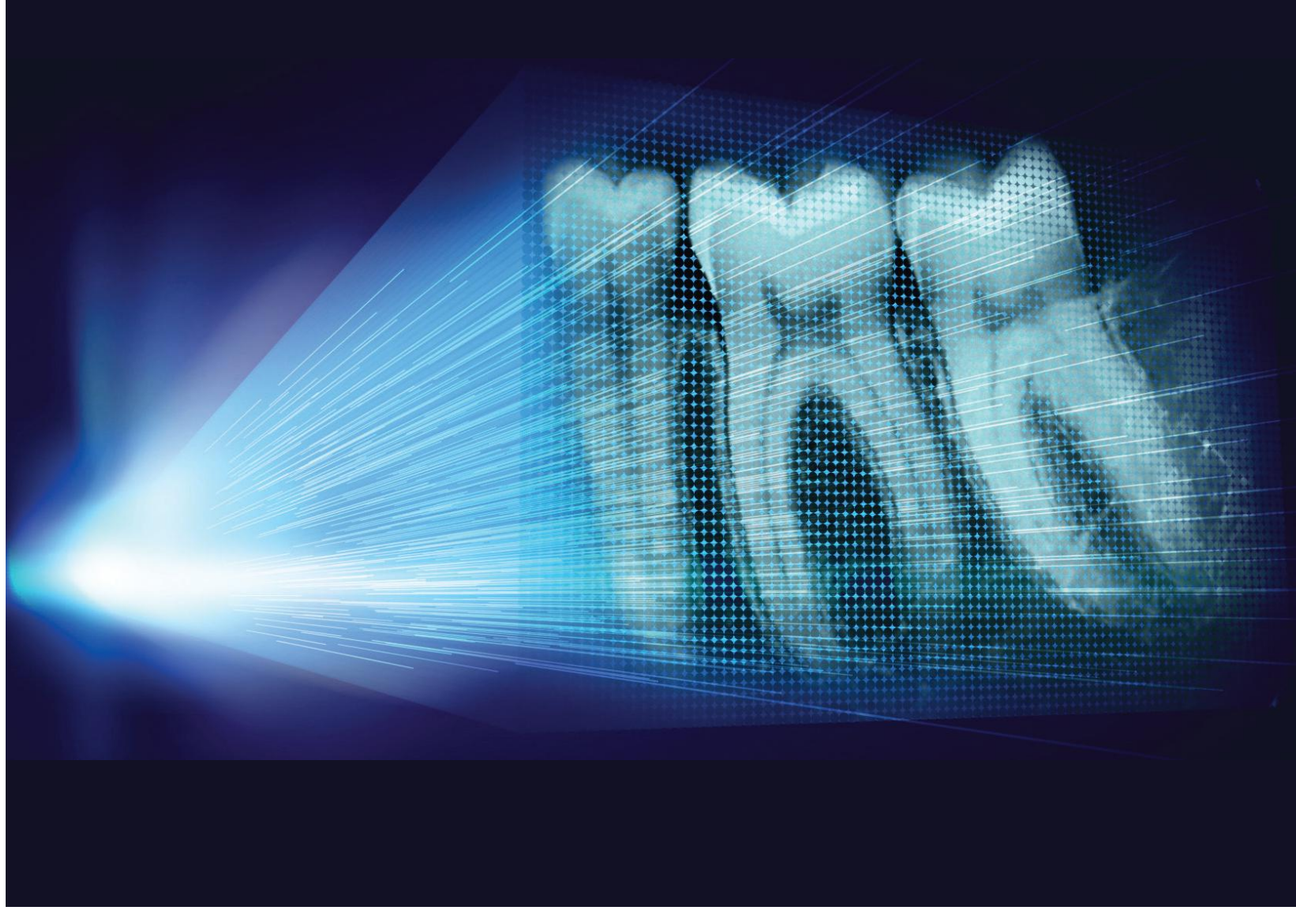
Ace technology

ACTEON

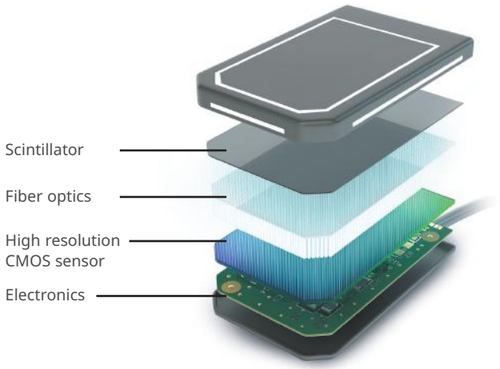
STRIKING CONTRAST FOR A MORE RELIABLE DIAGNOSIS

SOPIX²

SOPIX 3D inside



LEADING EDGE TECHNOLOGY

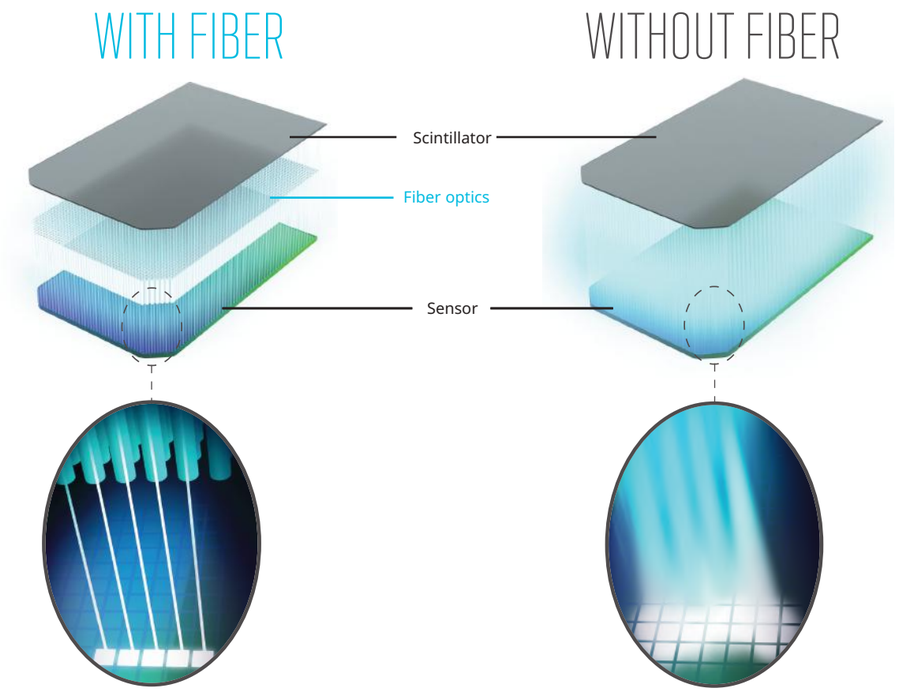


MORE INVENTIVE

Better differentiation of dental tissue

SOPIX® sensors surpass the limits of radiological examinations by offering **greater differentiation of dental tissue.**

This technological achievement is based on the use of **broad spectrum optical** microfibers for the guided transmission of photon emissions in order to provide **highly contrasted images.**

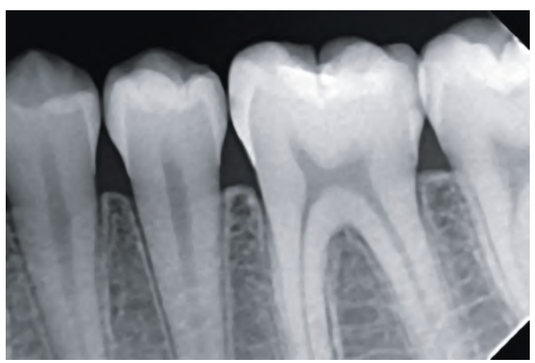


LESS INVASIVE

A more reliable diagnosis

The different tooth anatomic structures such as the bone, roots, pulp... are highlighted with **extreme precision** in the image.

Your diagnosis is **faster** and **more accurate**!



SOPIX²

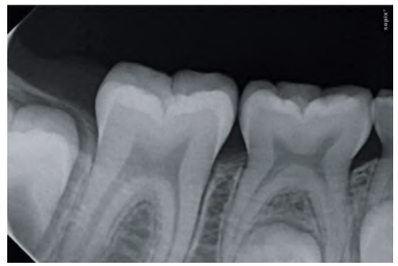
A perfect image every time with minimum exposure to radiation

Ace technology

THE PERFECT FIT FOR YOUR CLINICAL PRACTICE

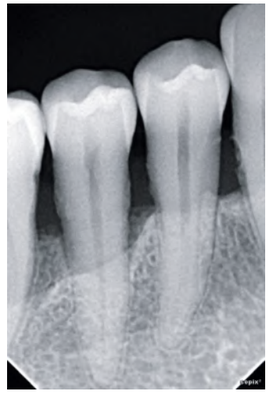
Endodontics

Pediatric



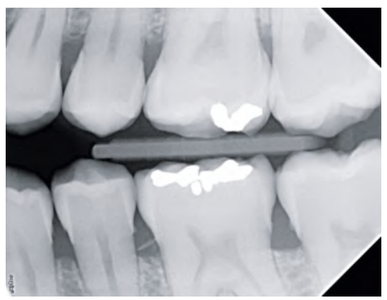
Cariology

Periodontics



Periapical

Bitewing



Implantology

HIGH-QUALITY IMAGES

SOPIX sensors provide **accurate images** and **striking contrast** to ensure a **reliable diagnosis**.

Size 2

Size 1

DESIGNED FOR YOUR PRACTICE

Two sizes are available depending on **patient morphology** and **clinical applications**.

ACTEON imaging suite

A QUALITY IMAGE VIA AN INTERFACE THAT IS SIMPLE, QUICK & INTUITIVE

The **ACTEON® Imaging Suite** software offers intuitive navigation with the mouse and advanced functionality. It alone lets you manage all of your images, from scanning to viewing images from all **ACTEON®** imaging devices (CBCT, Panoramic, intraoral digital X-ray system, intraoral camera, etc.) and much more.

WINDOWS COMPATIBLE

MAC COMPATIBLE

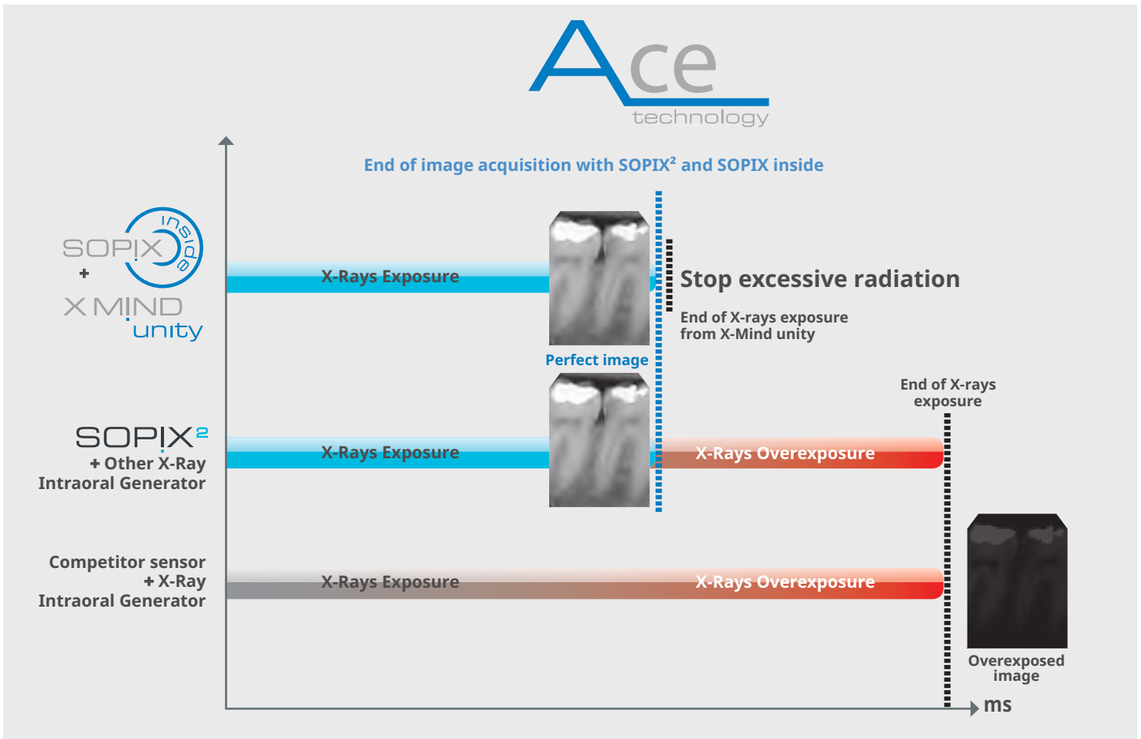
A QUALITY IMAGE EVERY TIME WITH MINIMAL EXPOSURE TO RADIATION

CUTTING EDGE TECHNOLOGY

Available in all **SOPIX** series sensors, patented Ace technology (**Automatic Control Exposure**) analyzes in real-time, the amount of X-rays accumulated by the sensor.
It automatically freezes the image acquisition as soon as the sensor receives the radiation required to produce the perfect image.

Eliminate the risk of over exposing the image!

Combined with the **X-Mind unity** intraoral X-ray generator, **SOPIX® inside** with **ACE® technology limits the emission of x-rays** during the acquisition to the necessary amount for the patient's morphology.
It uses the minimum dose required to provide a high-quality image.



Laurent GUILHAUMON
R&D Project Manager, HW/Embedded SW Systems

"ACE is the combination of advanced sensor technology, digital power electronics and the know-how of two diagnostic imaging divisions. The synergy between La Ciotat (FRANCE) and Milan (ITALY) R&D teams gave birth to an innovative concept focused on patients, with outstanding image quality."

FOR A SAFER PROCESS

With **SOPIX** digital sensors and its patented **ACE® technology**, you acquire **successful X-rays every time**, meaning reliable and accurate diagnosis. You will save time by avoiding the need for retakes.

Using **X-Mind unity** intraoral X-ray generator with **SOPIX inside**, the patients receive the minimum dose required for their dental morphology. You protect your patients and your staff from any unnecessary radiation exposure.

ACTEON Imaging Suite records the **X-Mind unity** settings as well as the effective dose received by the patient.
This ensures permanent traceability for every patient.

PATIENT AND STAFF PROTECTION

STOP EXCESSIVE RADIATION

Communication between the **X-Mind unity** and **SOPIX inside** sensor provides **unique benefits.**

When **SOPIX inside** has received enough energy to provide an **exceptional image quality**, it tells the **X-Mind unity** to **stop the X-ray emission.**

Effective protection for minimal exposure

The patient only receives the necessary dose adapted for their dental morphology, which **protects them from unnecessary overexposure.**

ACTEON Imaging Suite, always one step ahead

ACTEON Imaging Suite systematically records the **X-Mind unity** settings as well as the effective dose received by the patient for each acquisition.

This ensures **permanent traceability** for every patient

EXCLUSIVE TRACEABILITY

Outstanding working comfort

Through direct integration of **SOPIX inside** into **X-Mind unity**, connecting cables are hidden inside the X-ray unit.

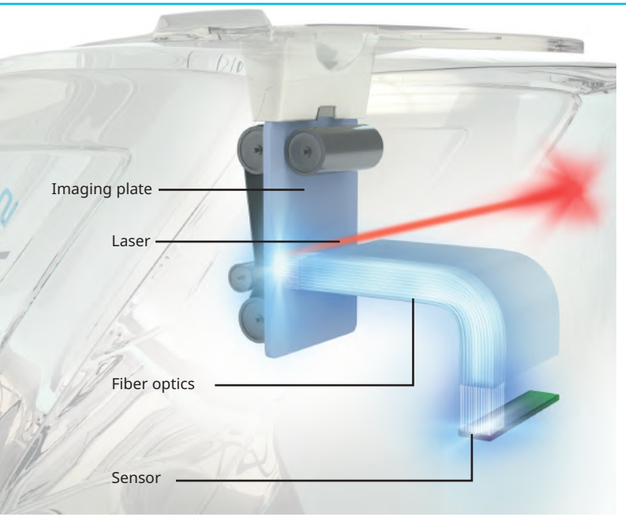
The holder places the **sensor safely, within reach,** to prevent it from falling onto the floor.

Your working environment is **more ergonomic and productive.**

STRIKING CONTRAST

PSPIX²

FOR AN ACCURATE DIAGNOSIS



MORE INVENTIVE

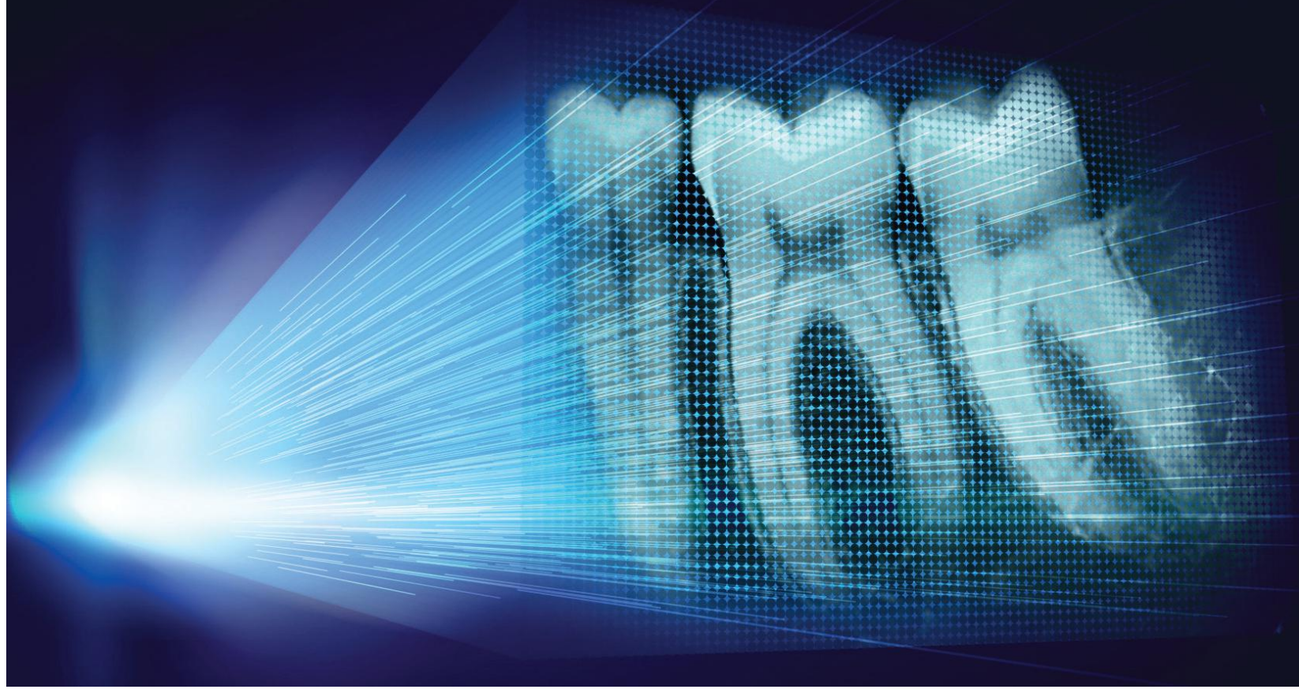
Better differentiation of dental tissue

PSPIX² surpasses the limits of radiological examinations by offering **greater differentiation of dental tissue**.

This technological achievement is called **FIBER2PIXEL®**

WITH FIBER - FIBER2PIXEL®

WITHOUT FIBRE



2FIBER PIXEL

Differentiation of dental tissue

FIBER2PIXEL® technology is based on the use of **broad spectrum optical microfibers** for the guided transmission of photon emissions in order to provide **highly contrasted images.**

LESS INVASIVE

A more reliable diagnosis

The different tooth anatomic structures, such as the bone, roots, pulp... are highlighted with **extreme precision** on the image.

Your diagnosis is **faster** and **more accurate**!

PSPIX²

A SCANNER FOR MYSELF

PSPIX²

ACTEON INTRODUCES THE FIRST CORDLESS DIGITAL IMAGING SCANNER

The PSPIX² is

SMALL – compact size fits in any operatory
INTUITIVE – easy to learn and easier to use
ELEGANT – a perfect solution for digital imaging
AFFORDABLE - every chairside can be equipped for imaging

SO SIMPLE, JUST SHOOT AND SCAN!

With **PSPIX²** chairside, your images are available in seconds. All without leaving the room or your patient.

I WANT A SIMPLER AND MORE INTUITIVE SCANNER

PSPIX² IS SO INTUITIVE, SCANNING AN IMAGE HAS NEVER BEEN EASIER

COMPACT SIZE
Created with cutting edge technology and design, the PSPIX² is the smallest and most compact PSP scanner on the market.

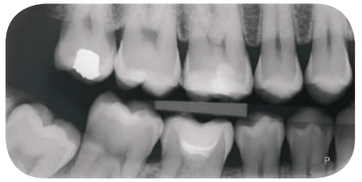
SO SIMPLE
The large color touchscreen provides simple instructions for quick and easy use.

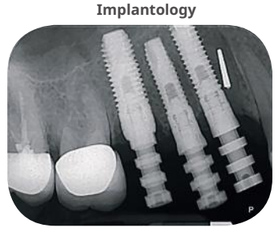
REVOLUTIONARY DESIGN
With clean lines and an elegant design, the **PSPIX²** fits perfectly into any practice.

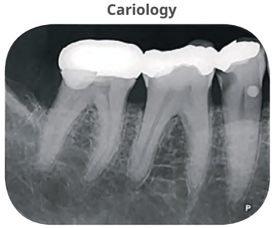
TRUE INTELLIGENCE
Workflow has never been so smooth and efficient, through its outstanding intellectual ability. A real evolution in your working practice!

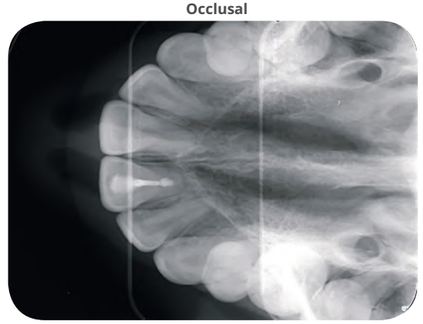
AUTOCLAVABLE
PSPIX² features optional removable parts for easy disinfection. The autoclavable parts further provide a high level of protection

ENHANCED IMAGE QUALITY
PSPIX² provides accurate, sharp and contrasted images to ensure reliable clinical diagnosis







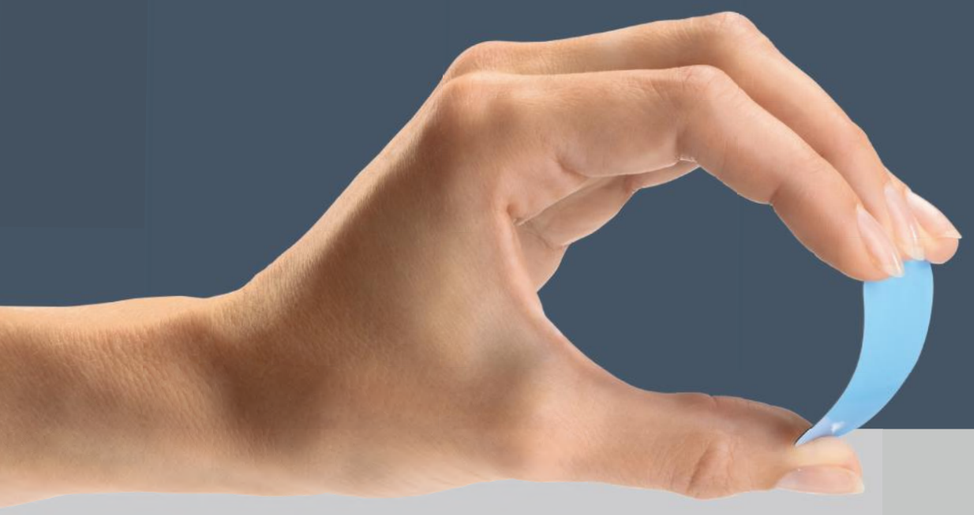


SOFTWARE CAPABILITIES
PSPIX² is delivered with **ACTEON Imaging Suite** software, which is easy to integrate and used by thousands

ACTEON Imaging Suite is compatible with MAC® and Windows® operating systems

WINDOWS COMPATIBLE

MAC COMPATIBLE



I CAN SCAN EVERY PATIENT

PSPIX² EXCEEDS YOUR TREATMENT EXPECTATIONS

PSPIX²

OUTSTANDING PATIENT COMFORT

With increased flexibility, the wireless **ACTEON** imaging plates provide greater comfort for all your patients.

- Ideal for both children and adults
- Imaging plates are available in sizes: 0, 1, 2, 3
- Endorsed by pediatric dentists worldwide

PSPIX²

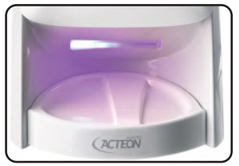
I CAN SHARE IT

PSPIX² IS ALSO DESIGNED FOR MULTIUSER ENVIRONMENTS

LET THE LIGHT GUIDE YOU...

Check the status of **PSPIX²** at a quick glance!

Blue: Available



Purple: Scanning

Yellow: Occupied

JUST CLICK AND SCAN!

With award winning **ACTEON Imaging Suite** software the **PSPIX²** can be shared across your operatories. Simply reserve the scanner or select your workstation on the touchscreen, insert your plate and let the **PSPIX²** do the rest... Images scan in seconds and are immediately available.

FULLY AUTOMATED PROCESS

- **AUTO-ACCESS** – door only opens when a plate is detected
- **AUTO-DETECT** - plate size is automatically detected
- **AUTO-SCAN** – **PSPIX²** scans and optimizes images before saving them into a patient record
- **AUTO-EJECT** – plates are automatically erased and ejected
- **ECO-MODE** - enters standby-mode to save power when not in use