

# TECHNICAL SPECIFICATIONS

## SOPIX<sup>2</sup>

### Size 1

External dimensions.....25 x 39mm  
 Active surface area.....600mm<sup>2</sup> (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

### SOPIX<sup>2</sup> USB connection

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

### Size 2

External dimensions.....31 x 42mm  
 Active surface area.....884mm<sup>2</sup> (26 x 34mm)  
 Number of pixels.....2.21millions

### SOPIX<sup>2</sup>

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

## PSPPIX<sup>2</sup>

### 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

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

### 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

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.

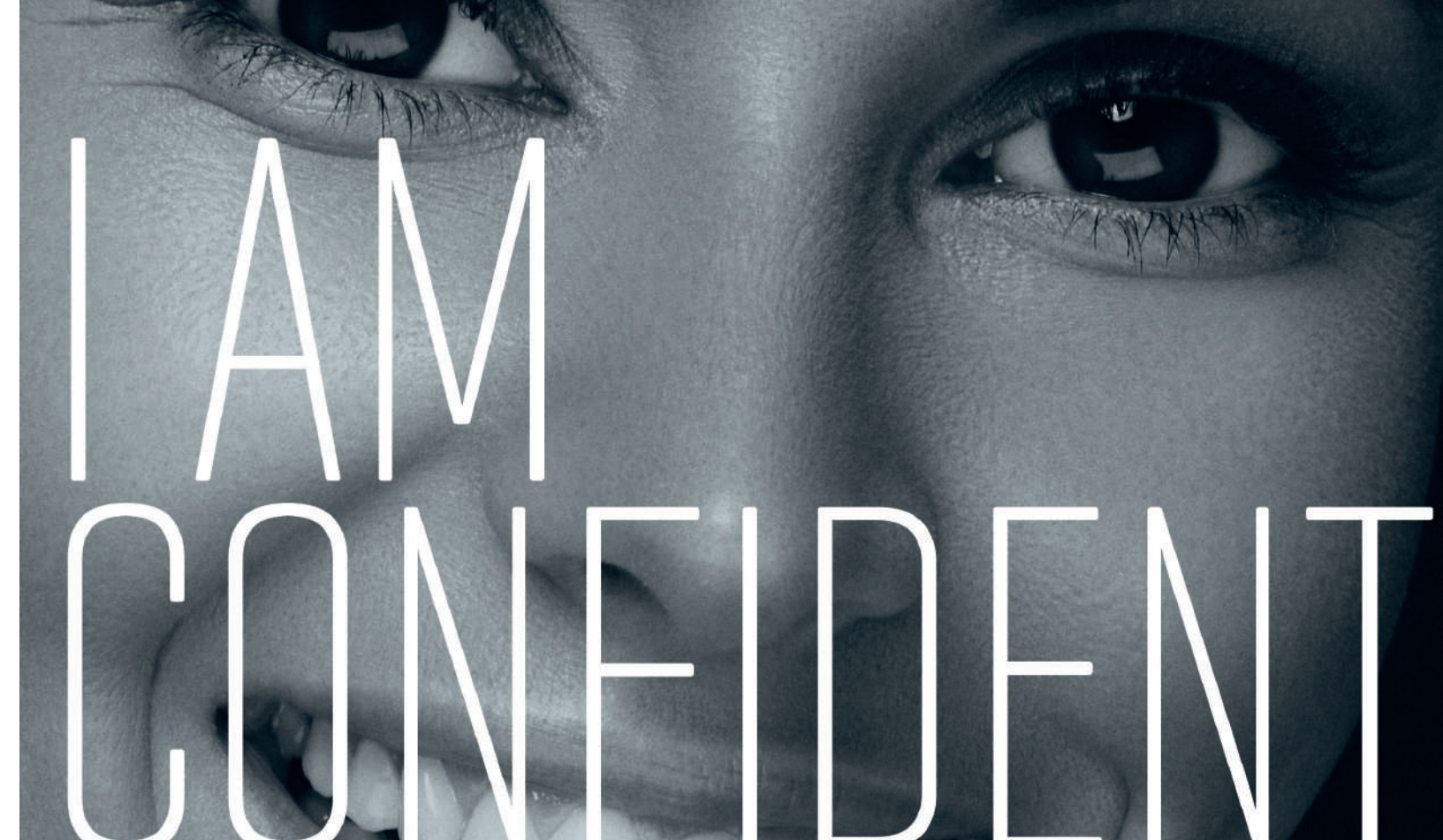
The medical devices for dental care SOPIX® Series are of class IIa and manufactured by SOPRO®, notified body LNE/GMED, X-Mind unity is of class IIb and manufactured by DE GOTZEN, notified body DNV - CE 0434. These medical devices are not refunded by health insurance organizations. Read carefully the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

The medical device for dental care PSPPIX® 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.

PSPPIX® and SOPRO® are registered trademarks of SOPRO. "All other trademarks cited herein are the property of their respective owners"

124 Gaither Drive | Suite 140  
 Mount Laurel | NJ | 08054 | USA  
 Tel. 1-800-289-6367  
 Fax. 1-856-222-4726  
 www.acteongroup.com  
 info@acteonusa.com

MORE INVENTIVE LESS INVASIVE



## PSPPIX<sup>2</sup>

The cordless  
imaging plate scanner



F0371 / JULY 2018

## SOPIX<sup>2</sup>

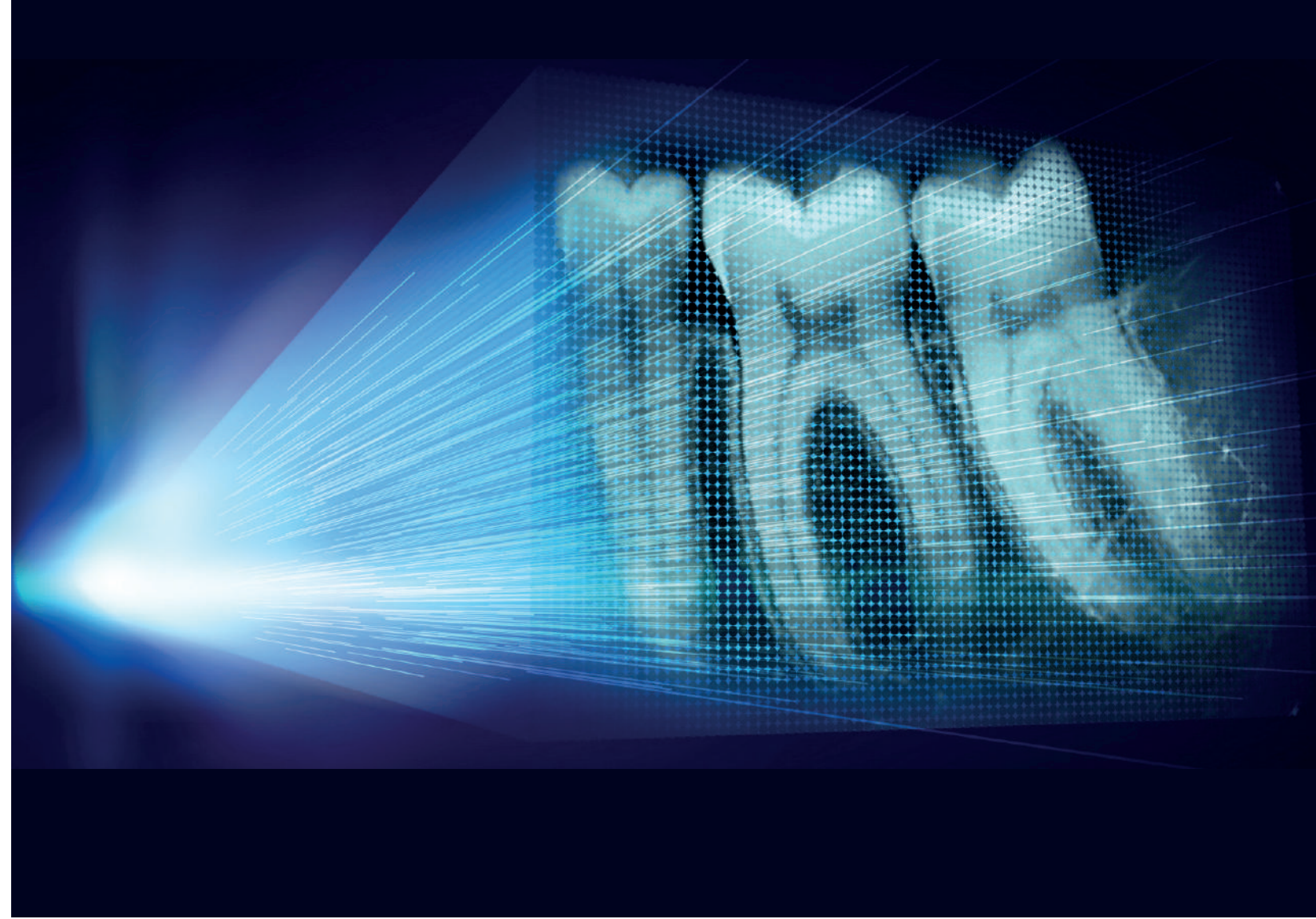
A perfect image every time with  
minimum exposure to radiation



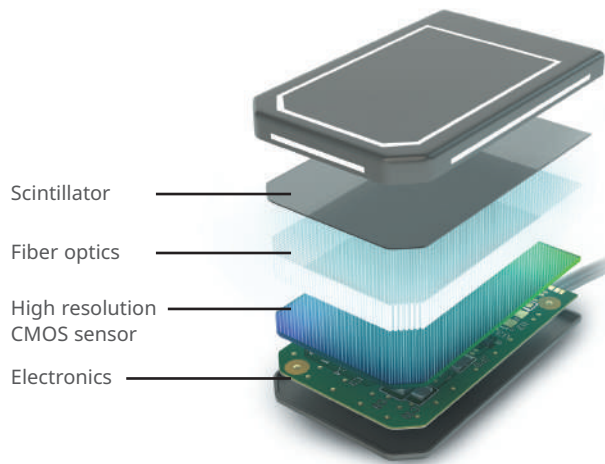
Ace  
technology



# STRIKING CONTRAST FOR A MORE RELIABLE DIAGNOSIS



LEADING EDGE TECHNOLOGY



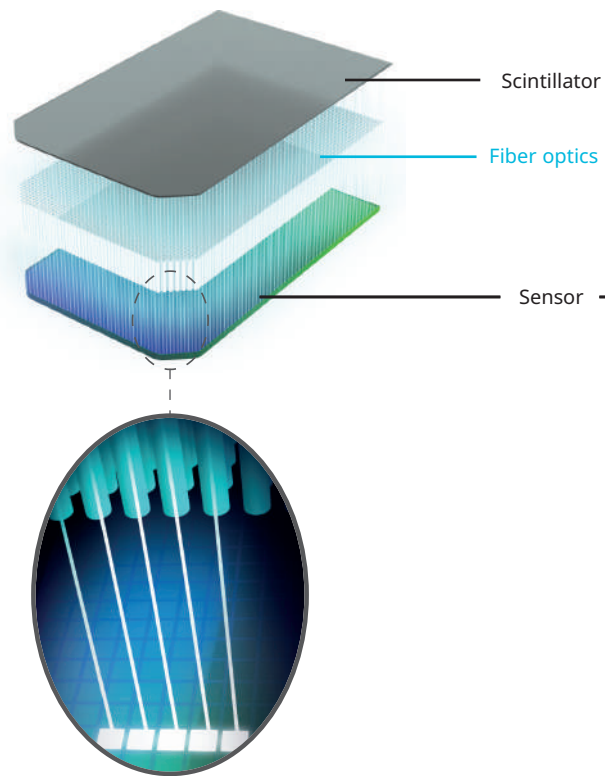
## MORE INVENTIVE

### Better differentiation of dental tissue

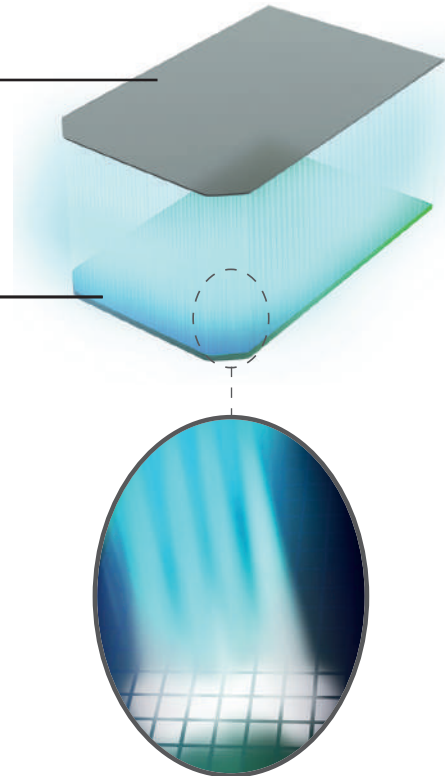
SOPIX® sensors surpass the limits of radiological examinations by offering **greater differentiation of dental tissue.**

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.**

WITH FIBER



WITHOUT FIBER

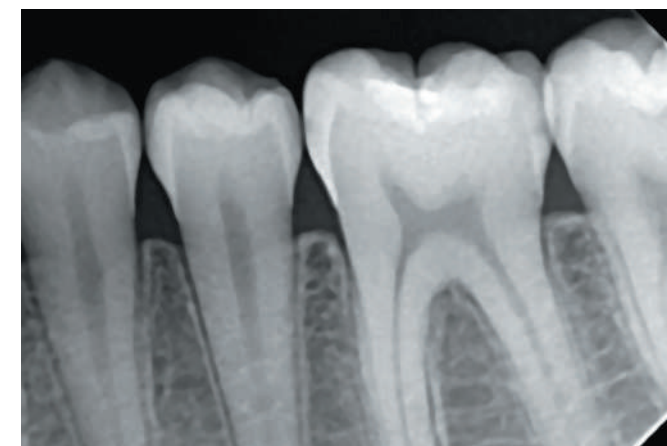


## LESS INVASIVE

### 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!**

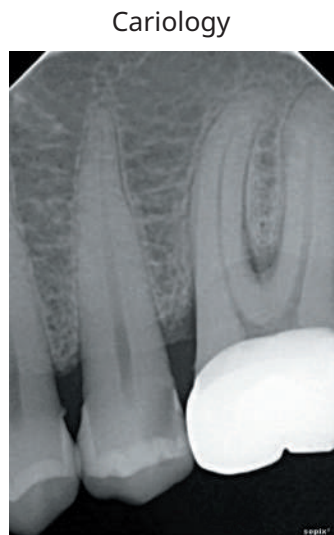
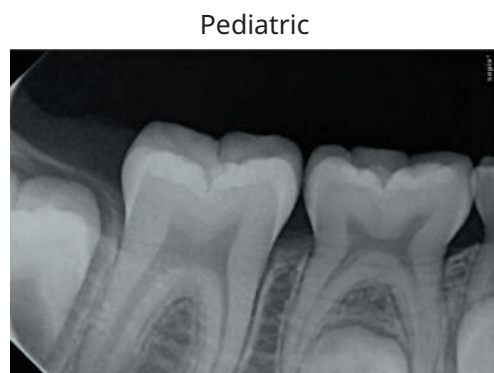


SOPIX<sup>2</sup>  
A perfect image every time with  
minimum exposure to radiation



Ace  
technology

# THE PERFECT FIT FOR YOUR CLINICAL PRACTICE

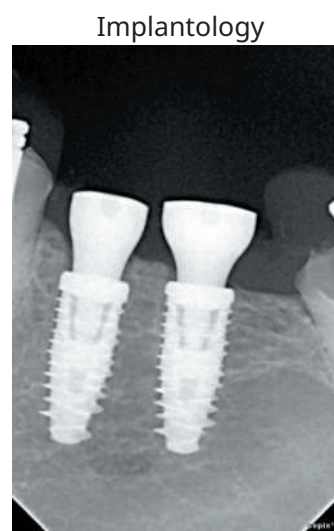
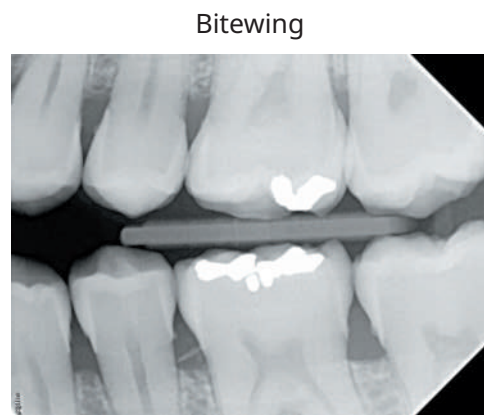
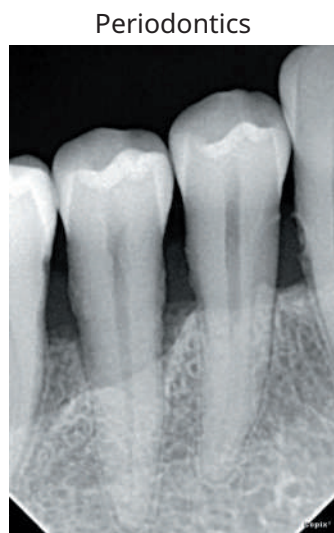
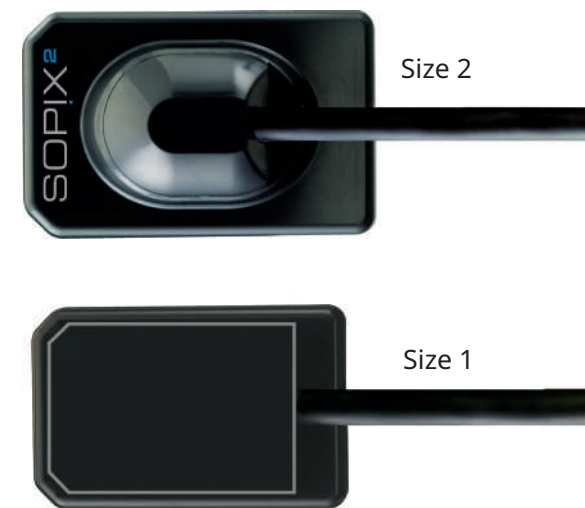


## HIGH-QUALITY IMAGES

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

## DESIGNED FOR YOUR PRACTICE

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



## ACTEON suite imaging



## 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



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.

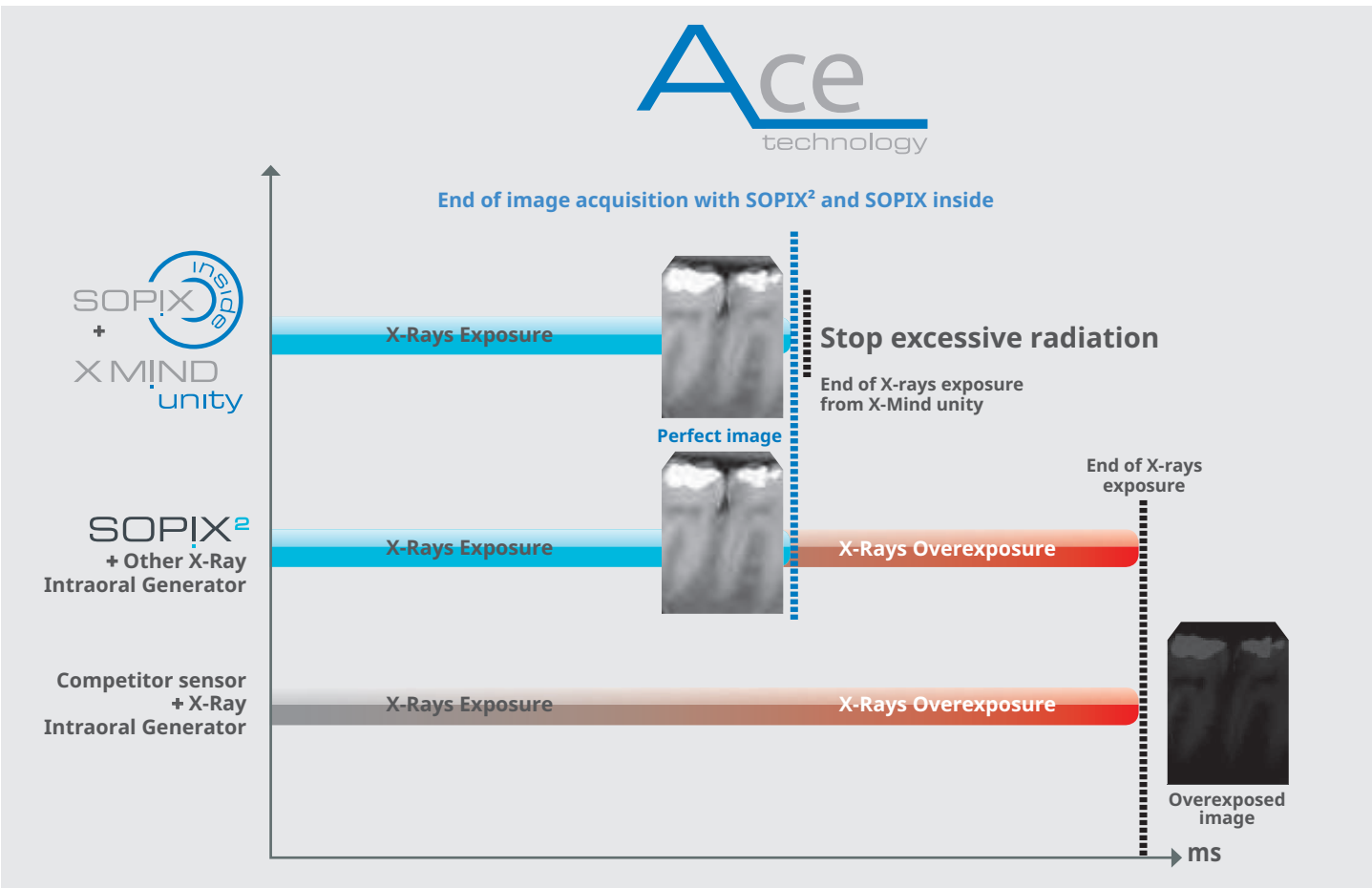
Using **X-Mind unity** intraoral X-ray generator with **SOPIX inside**, the patients receive the minimum dose required for their dental morphology. You protect your patients and your staff from any unnecessary radiation exposure.

**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.

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.



# 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**.

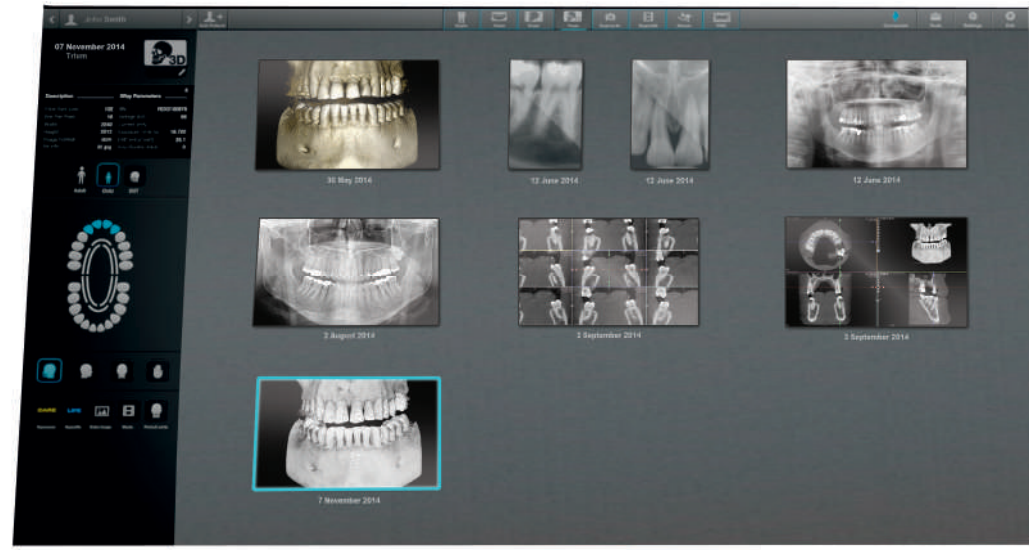


**Effective protection for minimal exposure**  
The patient only receives the necessary dose adapted for their dental morphology, which **protects them from unnecessary overexposure**.

## 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



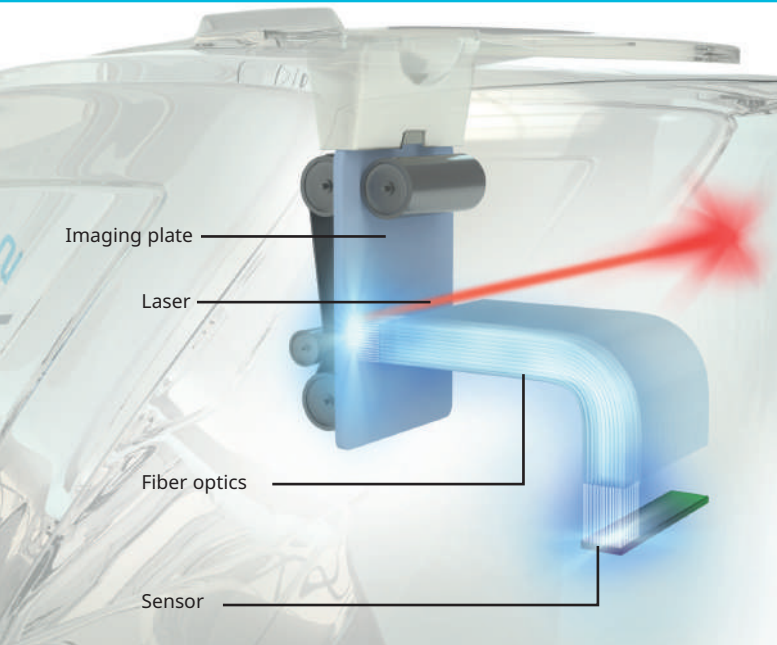
**Outstanding working comfort**  
Through direct integration of SOPIX inside into X-Mind unity, connecting cables are hidden inside the X-ray unit.

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 PSPiX<sup>2</sup> FOR AN ACCURATE DIAGNOSIS

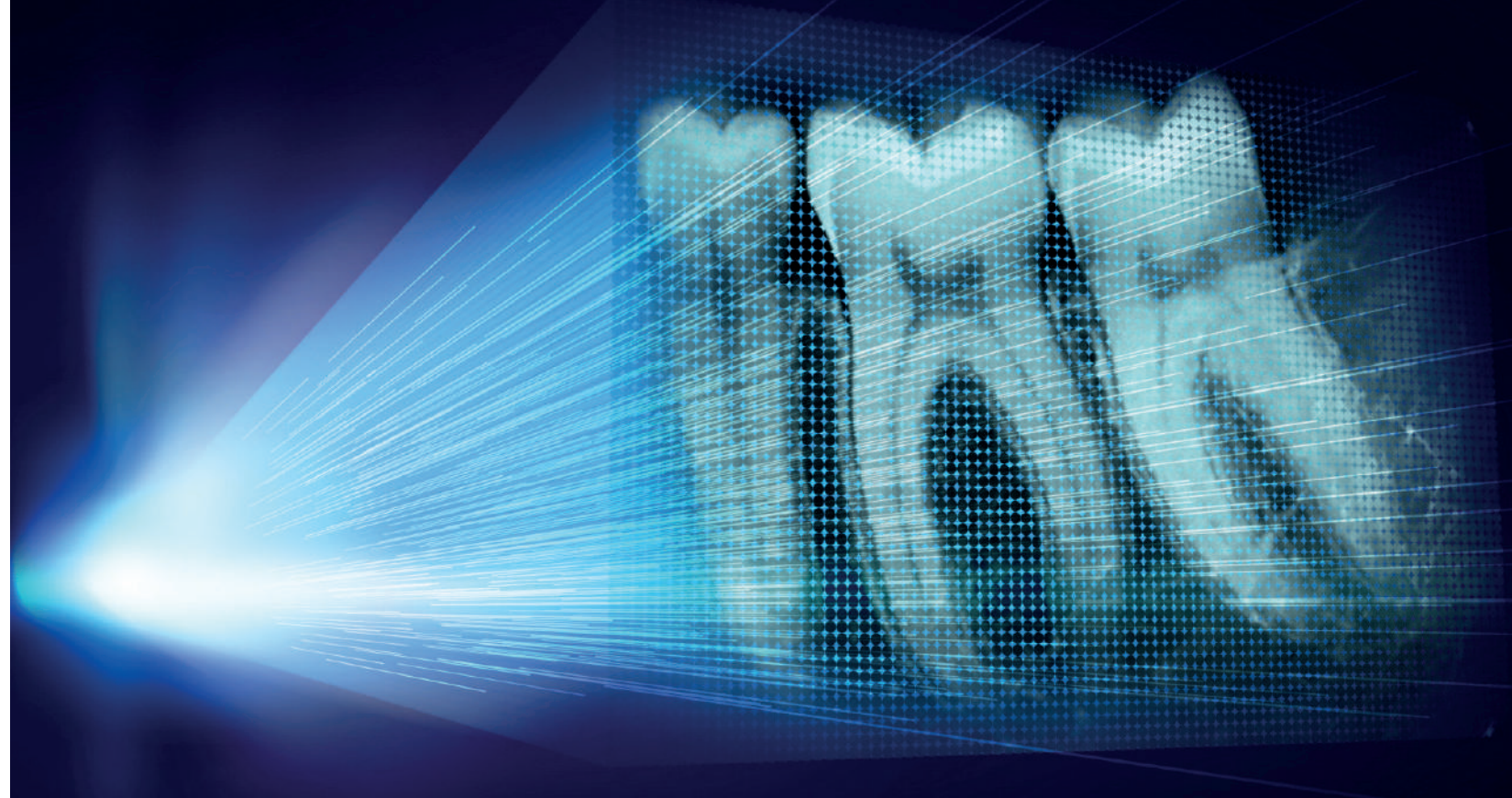


## MORE INVENTIVE

### Better differentiation of dental tissue

PSPiX<sup>2</sup> surpasses the limits of radiological examinations by offering **greater differentiation of dental tissue**.

This technological achievement is called **FIBER2PIXEL<sup>®</sup>**



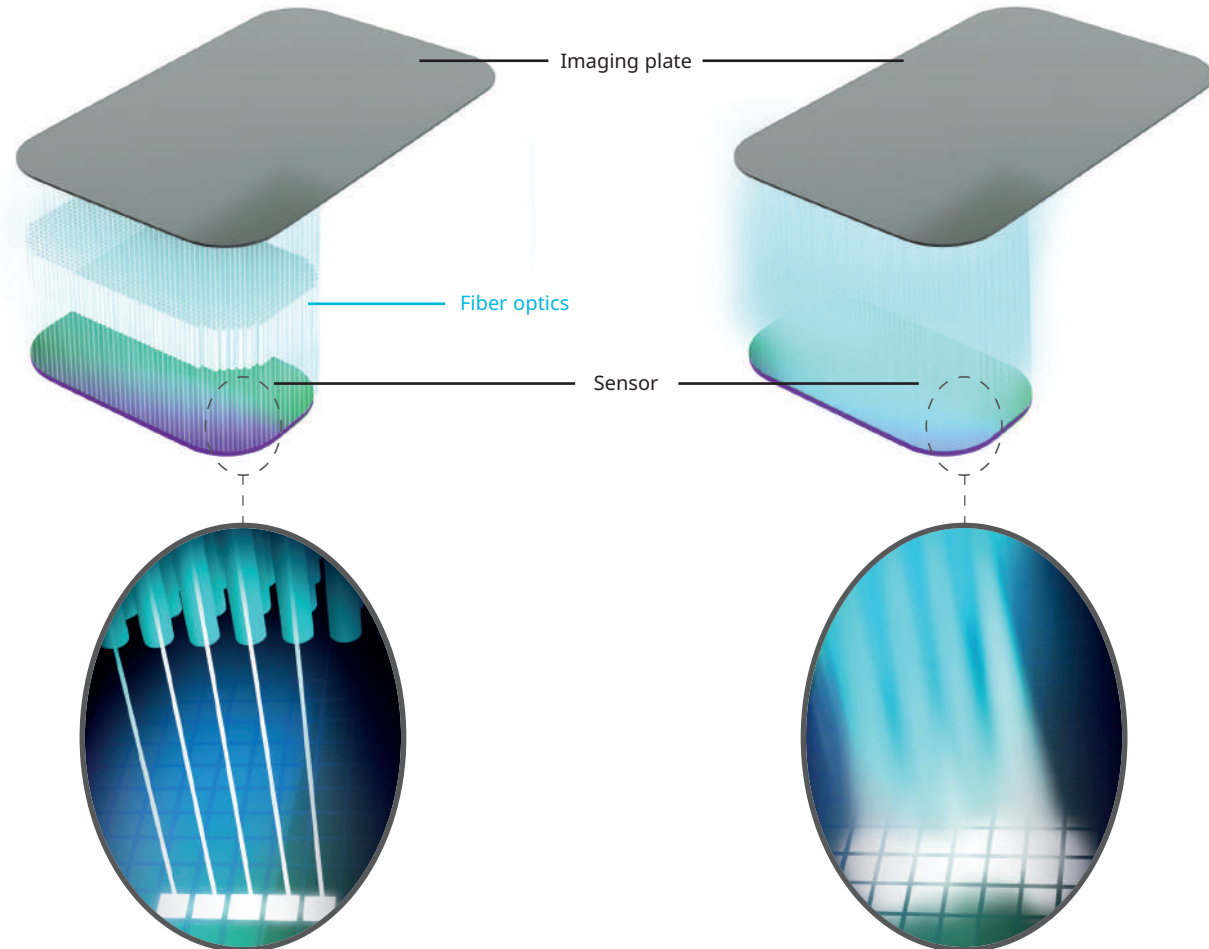
## 2 FIBER PIXEL

### Differentiation of dental tissue

FIBER2PIXEL<sup>®</sup> 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**.

## WITH FIBER - FIBER2PIXEL<sup>®</sup>

## WITHOUT FIBRE

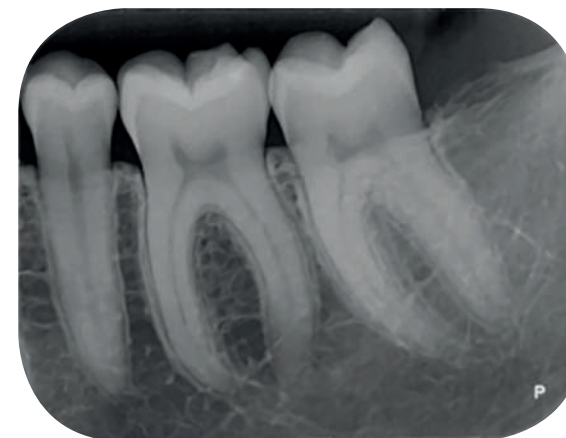


## LESS INVASIVE

### 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!**



## PSPiX<sup>2</sup>



# A SCANNER FOR MYSELF

The PSPIX<sup>2</sup> 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

ACTEON INTRODUCES THE FIRST CORDLESS DIGITAL IMAGING SCANNER

## SO SIMPLE, JUST SHOOT AND SCAN!

With **PSPIX<sup>2</sup>** chairside, your images are available in seconds. All without leaving the room or your patient.



# I WANT A SIMPLER AND MORE INTUITIVE SCANNER

PSPIX<sup>2</sup> IS SO INTUITIVE, SCANNING AN IMAGE HAS NEVER BEEN EASIER

## COMPACT SIZE

Created with cutting edge technology and design, the PSPIX<sup>2</sup> 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 PSPIX<sup>2</sup> 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!

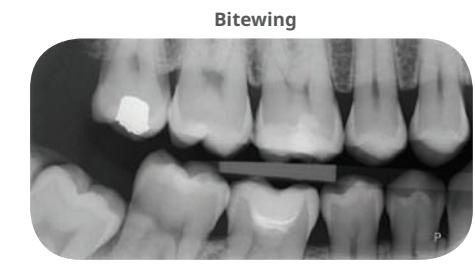


## AUTOCLAVABLE

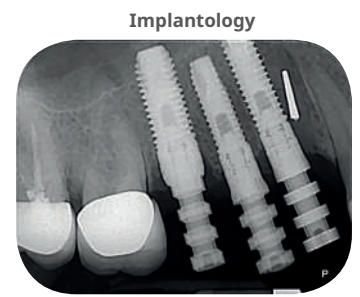
PSPIX<sup>2</sup> features optional removable parts for easy disinfection. The autoclavable parts further provide a high level of protection

## ENHANCED IMAGE QUALITY

PSPIX<sup>2</sup> provides accurate, sharp and contrasted images to ensure reliable clinical diagnosis



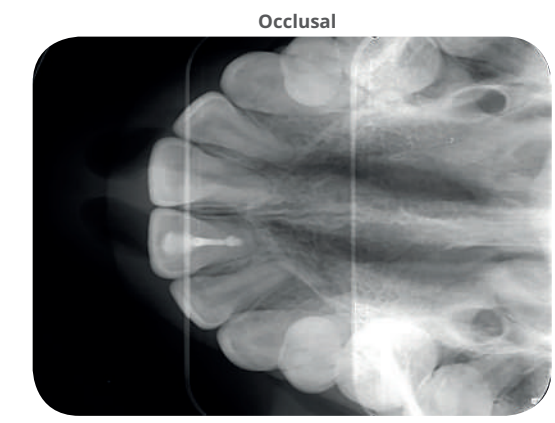
Bitewing



Implantology



Cariology

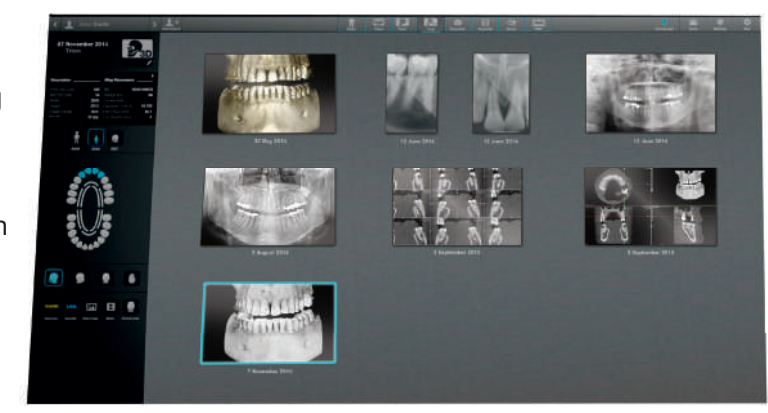


Occlusal

## SOFTWARE CAPABILITIES

PSPIX<sup>2</sup> 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







# I CAN SCAN EVERY PATIENT

PSPIX<sup>2</sup> EXCEEDS YOUR TREATMENT EXPECTATIONS

## PSPIX<sup>2</sup>

## 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





## I CAN SHARE IT

PSPiX<sup>2</sup> IS ALSO DESIGNED FOR MULTIUSER ENVIRONMENTS

### LET THE LIGHT GUIDE YOU...

Check the status of **PSPiX<sup>2</sup>** at a quick glance!



Blue: Available



Purple: Scanning



Yellow: Occupied

## JUST CLICK AND SCAN!

With award winning **ACTEON Imaging Suite** software the **PSPiX<sup>2</sup>** can be shared across your operatories. Simply reserve the scanner or select your workstation on the touchscreen, insert your plate and let the **PSPiX<sup>2</sup>** 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** - **PSPiX<sup>2</sup>** 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

