## TECHNICAL SPECIFICATIONS

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

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

### SOPIX / SOPIX² USB connection
- **Connection**: USB 2.0
- **Total cable length**: 3.70m

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

### Mac® minimum configuration required
- **Computer**: MacBook® Pro 13.3" or iMac® 21.5"
- **Operating system**: OS X Mavericks
- **Processor**: Intel Core 2 Duo
- **RAM**: 2GB

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### Size 2
- **External dimensions**: 31 x 42mm
- **Active surface area**: 884mm² (26 x 34mm)
- **Number of pixels**: 2.21 million

### SOPIX / SOPIX inside system
- **Technology**: CMOS + scintillator + optic fibre
- **Pixel size**: 20μm x 20μm
- **Theoretical resolution**: 25lp/mm
- **Real resolution**: >18lp/mm
- **Supplied imaging software**: Sopro Imaging
- **TWAIN module**: Yes

### SOPIX inside / SOPIX² inside USB connection
- **Connection**: USB 2.0
- **Sensor cable length**: 0.70m

### Windows® recommended configuration
- **Operating system**: Windows 10
- **Processor**: Intel Core i5
- **RAM**: 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

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**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 DNQ - CE 0434. These medical devices are not refunded by health insurance organizations.

Read carefully the instructions on the labelling before use.

SOPIX®, X-Mind®, FIBER2PIXEL® and SOPRO® are registered trademarks of SOPRO.

X-Mind® is registered trademarks of DE GOTZEN.

"All other trademarks cited herein are the property of their respective owners"
STRIKING CONTRAST FOR A MORE RELIABLE DIAGNOSIS

MORE INVENTIVE

Better differentiation of the dental tissue

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

This technological achievement is called FIBER2PIXEL®.

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!
THE PERFECT FIT TO YOUR CLINICAL APPLICATIONS

HIGH-QUALITY IMAGES

With FIBER2PIXEL® technology, 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.

SO PRO IMAGING, A POWERFUL IMAGING SOFTWARE

Extremely user-friendly, SOPRO® Imaging software offers advanced X-ray image processing tools. SOPRO Imaging is delivered with each SOPIX and is compatible Windows® and Mac®.
A QUALITY IMAGE EVERYTIME WITH MINIMAL EXPOSURE TO RADIATION

CUTTING EDGE TECHNOLOGY

Available in all SOPIX® series sensors, patented ACE technology (Automatic control exposure) analyses 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.

“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."

R&D Project Manager
HW/Embedded SW Systems

FOR A SAFER PROCESS

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

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

**STOP EXCESSIVE RADIATION**

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**.

**SOPRO Imaging, always one step ahead**

SOPRO Imaging 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 at easy reach** to prevent it from falling onto the floor. Your working environment is therefore **more ergonomic and productive**.

**LOW DOSE**

Effective protection for minimal exposure

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

SMART DESIGN FOR BETTER COMFORT

White side stripes ensure high visibility of the sensor in the dark area of the mouth, to correctly position the X-ray tube perpendicular to the sensor.

Rounded edges and corners for improved patient comfort.

FAST AND EASY TO USE

Save time with a sensor that is always ready to acquire. The image is displayed immediately.

NO MORE OVEREXPOSED IMAGES

Available on all SOPIX series sensors, ACE technology freezes the image during acquisition to protect it from over-exposure.

Acquire perfect image the first time and every time!