WELCOME TO A WORLD OF INNOVATION
A revolution in dental imaging
The liberated sensor

VISTEO IS A NEW CONCEPT IN DENTAL RADIOGRAPHY:
A unique set, sensor, control box and universal angulator with transmission by induction. It now provides the practitioner with all the study possibilities of radiological imaging.

It is the latest wireless intra-oral sensor to combine freedom of movement with ease of diagnosis.
The 1st intra-oral induction sensor with integrated positioning

- Immediate selection of the sensor’s position
- 7 predefined positions or free angulation
- Parallel positioning or positioning with the bisecting technique

- Versatile use of the angulator or the direct sensor cable

An integrated, universal sensor-angulator with an infinite number of positions

Notched, snap-fit head: a major innovation which simplifies image acquisition

- The rigid angulator ensures a stable parallel positioning

- Visteo combines all types of angulators into one single positioner and enables the acquisition of all types of images: peri-apical, posterior, bitewing, endo.

The angulator rotation covers all image acquisition requirements. It offers standard (predefined) positions and the possibility to freely use other positions with stability.
A single tool
for all your intra-oral radio-diagnostic needs

Transmission by induction
The sensors – size 1 or size 2 – snap on to the angulator’s connector. The selected sensor is then instantaneously connected and operational through induction, a unique system patented by Owandy.

Health and safety
Integration of the cable in the angulator optimises the hygiene of the device. Being connected by induction, the sensor is independent. As there is no wire to disturb the placement in the mouth, any contamination problem is eliminated.

The transmission of data from the sensor to the angulator is done without any point of contact. The head transmits the sensor data by induction.

Two biteblocks for the comfort of your patients
Being clipped on the angulator, each of the interchangeable biteblocks allows a stable positioning of the jaw during image acquisition.

Stainless steel angulator to protect the connection cable
The transmission cable, traditionally sensible to the patients’ mouth is now protected in a stainless steel tube, itself integrated in the angulator. With this system, the cable disappears.
Practitioner and patient are entering a new care practice

The Visteo concept is a valuable contribution to the practice’s image. It strengthens the trust shared with patients.

Moving with the times

Staying in contact with your patients to prepare image acquisition and only using a single angulator saves you valuable time. Thanks to the Visteo concept, the comfort for patient and practitioner is improved.

- The clip system common to all Visteo sensor kits, gives the practitioner freedom of movement.
Mobility and sharing
Stay in contact with your patients

A change within reach
The new snap-on system to attach sensors to the angulator provides great ease of use.

It is instantaneous, convenient, ergonomic and offers the advantage of selecting the angle for the image acquisition at a touch.

Visteo, compact and shareable
Light and convenient, with reduced dimensions for ease of handling by the practitioner, the Visteo control box is the same one for both types of sensor (T1 and T2).

The same control box is used on several chairs in shared mode.

There’s a sensor for everyone!
Customisable control box for multi-chair use.

T1 & T2 interchangeable sensors
Surprisingly compact for easy daily use, Visteo sensors come in two sizes of sensitive surface: T1 = 600 mm$^2$ and T2 = 900 mm$^2$ (active areas).
Visteo
Ease of use and high definition

**PRECISION, READABILITY, ADAPTABILITY: DECISIVE ADVANTAGES**

With a very high definition >20 lp/mm, Visteo sensors reflect the very latest advances in digital technology (CMOS).

**Practical and effective, Visteo is universal and replaces every other complex positioning system for all diagnostic cases:**

- For endodontics, in vertical mode with integral retroalveolar images.
- In horizontal mode in “Bitewing” format to display with ease up to 4 teeth (with the Size 2 sensor).
- Result: simpler to use, easier diagnostics.

**100% Owandy diagnostics**

Visualise directly the rotation of the sensor during the selected image acquisition and exploit all the treatment and diagnostic possibilities of the Owandy software.

- Created by Owandy, Visteo sensors are perfectly integrated with the QuickVision imaging software.
- Preview the sensor rotation in the Owandy software.
T1 - T2 sensors

- Technology: CMOS (induction) technology
- Theoretical resolution: 25 lp/mm (T1 & T2)
- Real resolution: >20 lp/mm (T1 & T2)
- Sensitive area: 20 x 30 mm (± 600 mm²) (T1)
  26 x 34 mm (± 900 mm²) (T2)
- CMOS Matrix: 1000 x 1500 (T1)
  1300 x 1700 (T2)
- Pixel size: 20 x 20 µm (T1 & T2)
- External dimensions: 24.9 mm x 38.9 mm (T1)
  30.9 mm x 42.9 mm (T2)

Visteo connection box

- External dimensions: 13.8 x 4.6 cm x 1.7 cm
- Connection: USB 2.0 compatible USB 1

Visteo Connection box & sensors

- CE compliant: Directive CE 93/42
- Standards:
  EN 60601-1 (medical appliance safety)
  EN 60601-1-2 (electromagnetic compatibility)

A REVOLUTION
IN YOUR DAILY PRACTICE:

- A single angulator with reduced dimensions
- CMOS induction sensor
- Connection integrated in the angulator
- Ergonomic biteblocks
- Ease of hygiene
- Compact Easy Clip control box
- All types of radiological examinations
- Sharing of sensors (T1 & T2)
- 100% integrated with QuickVision software

Effectiveness in simplicity

An all-in-one solution to save the managing of accessories, storage space and manipulation time.