Owandy
100 %

RADIOLOGY READY

Owandy
DENTAL IMAGING SYSTEMS & SOFTWARE

I-Max Touch / Ceph
Digital Panoramic Unit

Discover the 6th sense

6th sense

Panoramic Imaging

6ᵗʰ sense

The tactile, intuitive approach

Enjoy the simplicity and functionality of a device that opens up a new world of working comfort and efficiency for you.

The tactile, intuitive digital **6ᵗʰ sense** technology lets you save precious time.

Enjoy the complete compatibility between the QuickVision software and the panoramic unit.

The I-Max Touch interface is the same as in your QuickVision imaging software.

All image processing and management features are immediately available.

RADIOLOGY I READY
Shared trust

Quality images, clear and informative explanations, an understanding of the treatment plan shared between the practitioner and the patient, that is the full meaning of a relationship based on shared trust.

The Owandy range of radiology units encourages this dialogue and contributes to your office's image.

Owandy

The I-MaxTouch enhances
the workflow speed

✗ patient positioning in just a few seconds

The patient is kept perfectly in place so the operator, guided by light beams (Frankfurt and midsagittal planes), can place the patient quickly in the ideal position. He/She is guided by the head rests and biteblock.

✗ user-friendly at all times

No waiting for the patient or the treatment team. Diagnosis is possible immediately on the screen.

✗ 6th sense intuition

Twelve complete and intuitive programs for fast, high-definition processing of your images.

✗ removable sensor: cephalometry in economic mode

Choose between a economical cephalometry or two fixed sensors for panoramic and cephalometric functions. Sharing resources is central to your office, whatever your configuration: Storage on USB memory stick – network operation.

The I-Max Touch has a panoramic control panel.

The software ergonomics have been designed for a tactile and intuitive use of all functions.

You can operate the I-Max Touch with your fingertips. The LCD touch screen provides an overall view of the many programs and an instantaneous high-definition display of the image.

✗ greater safety

The I-Max Touch greatly reduces the dose of X-rays needed to obtain an image.
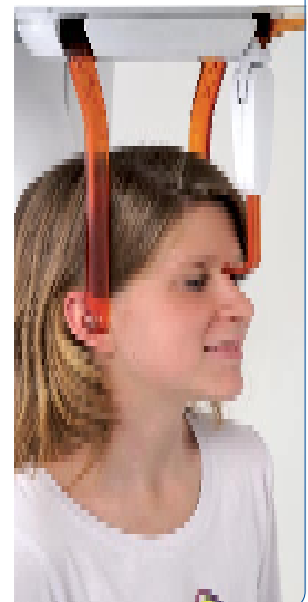
Ergonomic use
closer to you

Opt for the 6th sense

Owandy works to increase practitioner comfort by making everyday acts easier and by saving time.

Increasing the I-Max Touch's functionality through immediate, obvious comprehension is essential to our research.

Never has software ergonomics provided so much intuitiveness, and that is what we show with the 6th sense: a wealth of easy-to-use functions, fast operation and immediate results.

The 6th sense provides added comfort that makes life easier every day.

Operate the I-Max Touch with your fingertips

Visualize your image instantaneously and with precision on the screen, as it is displayed during acquisition.

The 6th sense graphical touch screen provides access to preset standard examinations. For each one, the trajectory is optimised during exposure.

Instant image control
The image appears on the touch screen in real time; the result is immediate.

Direct use
Zoom and move around the acquired image using the control panel.

Network operation and storage on a USB memory stick: a new feeling of comfort

Profitability at the end of the day resource sharing becomes the key to profitable office management, whatever your configuration.

- Control panel with USB memory stick
  (non-contractual photo)

- Optional self-carrying floor support

2 IN 1

Ceph option with removable or fixed sensor

Choice between single- or dual-sensor mode at any time, depending on the intended use (panoramic or cephalometric).

Each sensor can be moved using its **ergonomic handle** that facilitates the transfer.

- Optional cephalometric arm

- Ergonomic handle

Storage on a USB memory stick: data portability

The I-Max Touch memorises images without being connected to the computer.

Once transferred from the control panel to a USB memory stick, the images can be imported onto any computer in the office.

Network sharing and program selection

The I-Max Touch can be operated from your computer or from any workstation connected to the network (group practice).

I-Max Touch Ceph:
Digital cephalometry

The I-Max Touch produces cephalometric images of irreproachable quality (High-Definition CCD), and with a significant reduction in the X-ray dose.

- Lateral ceph image

Flexibility

The ergonomic handle facilitates the moving of the sensor.

Ergonomics

The reduced dimensions of the cephalometric module allow for an installation in all practices.

A choice of 3 formats

CEPH with image format:

- 18 x 22 cm
- 24 x 22 cm
- 33 x 22 cm

- X-ray of the hand

- Symmetrical ceph image

I-Max Touch,
12 programs and
immediate diagnosis

- Program selection

The software/
hardware tandem
optimises diagnosis.

Development research has been orientated toward time-saving factors to free up the practitioner from technical constraints, to the benefit of his/her relationship with the patients.
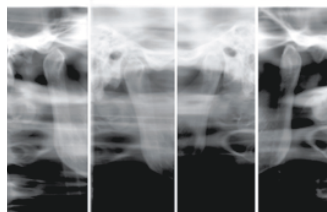
Automatic exposure for all types of patients.

Simple and intuitive to use, the touch screen provides access to all 12 programs without changing the patient's position.
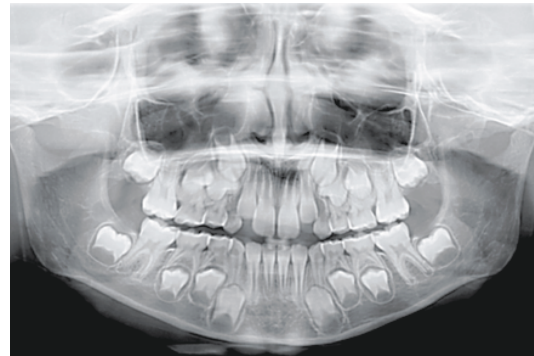
Once the program has been selected, the I-Max Touch automatically displays the exposure parameters that ensure optimum image quality.

- Child panoramic

12 PROGRAMS

With 12 examination programs, the I-Max Touch performs all radiodiagnostic combinations, whatever the patient's height.

Standard panoramic adult

Standard panoramic child

Reduced dose panoramic

Panoramic with improved orthogonality
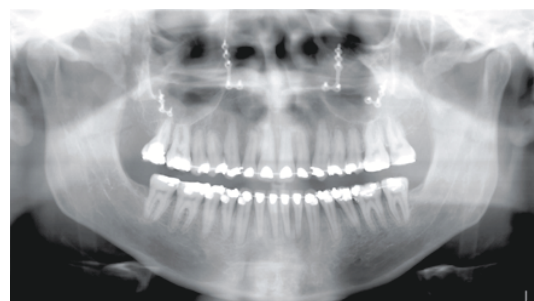
Left Semi-Panoramic

Right Semi-Panoramic

Incisive block

Maxillary sinus

TMJ open/closed mouth

Lateral Ceph

Frontal Ceph

Carpus

- Maxillary sinus

- TMJ. Open and closed mouth to study condyle movement

- Standard panoramic

I-Max Touch / Ceph
Digital Panoramic Unit

6th sense

I-Max Touch / Ceph

• HF Generator	At constant potential
• Focal spot	0.5 EN60336
• Min. total filtration	2.5 mm Al equivalent
• Anode voltage	60 - 86 kV
• Anode current	6 - 10 mA PAN, 6 - 12 mA CEPH
• Exposure time	Pan 13.8 s / Ceph starting at 4.5 s
• Column	Motorised telescopic
• SID (Source to Image Distance)	Pan 500 mm / Ceph 1650 mm

• Digital sensor	HD CCD + optical fiber plate
• Enlargement	Ceph 1:1,1
• Resolution CCD	10.4 lp/mm
• Connection	direct acquisition (network cable) and/or integrated touch screen
• Storage	Computer and/or USB memory stick
• Power supply	100-120 V, 220-240 V, 50/60Hz
• Amperage	8 A

160 – 245 cm

91 – 176 cm

93 – 178 cm

190 cm

127 cm

106 cm
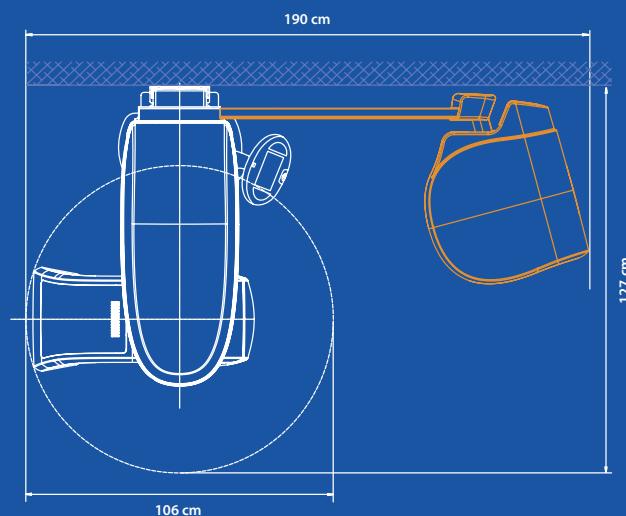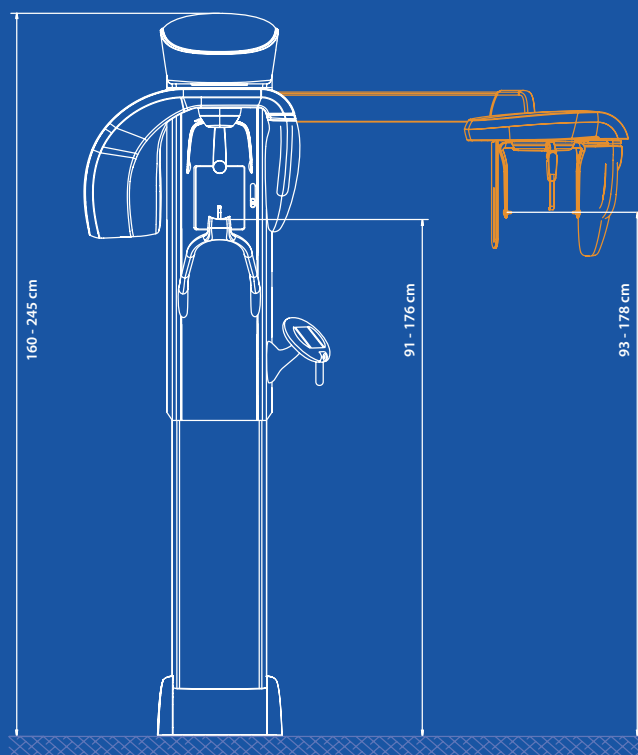
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DENTAL IMAGING SYSTEMS & SOFTWARE

Dealer's stamp

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DIGITAL SENSORS
— **PANORAMIC UNITS**
CAMERAS
RADIOLOGICAL EQUIPMENT
SOFTWARE

I-Max Touch
panoramic & cephalometric programs

I-MAX TOUCH

Panoramic programs

	Standard Panoramic Adult / child
	Reduced dose panoramic
	Improved orthogonality panoramic
	Semi-panoramic right
	Semi-panoramic left
	Improved incisive block
	Maxillary sinus
	TMJ mouth open/closed

Céphalométric programs

|	
33x22	Lateral Ceph 33x22
24x22	Lateral Ceph 24x22
18x22	Lateral Ceph 18x22
24x22	Frontal Ceph 24x22
18x22	Frontal Ceph 18x22
	Carpus

HD
High Definition is available for optimum comfort on the cephalometric programms.

I-Max Touch
graphical interface and functions

#	Description
1	Message field
2	Display the image stored in memory
3	Previous/next program
3b	Scroll through programs
4	Automatic or manual mode indicator
5	Adult/child selection
6	Corpulence selection
7	Select anterior focal trough
8	Test/X-Ray mode
9	Manual KV/mA setting
10	Return to main screen
11	Zoom
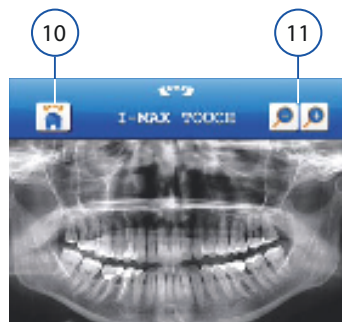
5 — Adult Mode / Child Mode

6 — Large Corpulence / Medium Corpulence / Slender Corpulence

7 — Receding dentition / Standard dentition / Advancing dentition

8 — X-Ray Mode Active / Test Mode (X-Rays deactivated)

Owandy,
a worldwide actor in dental imaging.

With its long experience in digital imaging, **Owandy**, a worldwide actor in dental imaging, is pursuing innovation. Their know-how, acquired over the last twenty years, now enables Owandy to offer their customers one of the most sophisticated digital panoramic units in the market.

The entire team at the research and development centre has worked to create a unit that is easy to use and intuitive, producing high-definition images meeting all customer needs. The latest technologies have been used to design the **I-Max Touch**, operated from a state-of-the-art touch screen. The I-Max Touch also makes it possible to store high-definition radiological images on a USB memory stick connected directly to the control panel without even having to connect the unit to a computer. The practitioner has **total freedom of use.**

Obviously, the **I-Max Touch** can also be operated from the imaging software, like all other products of the Owandy range: the **Real Hi-T** camera, the **Krystal-X** and **DSX** sensors, etc.

Owandy is present in **54 countries** and makes more than half of its turnover in export markets.