

GENDEX

Oralix AC



Intraoral

Reliability, tradition and quality at the service of dental professionals

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Reliability

The Oralix AC system, the latest version of the successful Oralix series, has been designed to satisfy the needs of the dental practice and its reliability assures high performances for many years.

The strict quality standards that regulate all steps of the production process and the Gendex care taken during the selection and design of materials and components constitute the base of the system's robustness and quality.

The hundreds of thousands of Oralix systems installed worldwide are the best proof of the product's strong reliability and appreciation.



Tradition

For generations, many dental professionals have chosen an Oralix intra-oral system as an effective tool for clinical diagnosis and for offering reliable therapies in complete safety.



Worldwide, Oralix is synonymous of tradition in Intraoral Radiology.

Quality

The Oralix AC is a high quality system able to deliver excellent diagnostic results. The x-ray tube, entirely produced by Gendex, works with optimized technical factors in order to always grant a correct exposure level. The exact balance among kV, mA and focal spot ensures maximum image contrast and definition allowing for the best visibility of diagnostic details for each and every use in dental field.

The Oralix AC quality also results in an increased protection for the patients and the practice personnel working with the system.

An efficient electronic control system continuously checks on the correct operating conditions and functionality of the intra-oral x-ray device.

The presence of a microprocessors controlled grid electrode prevents undesired effects of mains fluctuations and cuts down on soft radiation which is of no use to the radiographic image.

Versatility

The Oralix AC system easily adapts itself to the working procedures and requirements of any dental practice.

Sensors, Phosphors and Films

Thanks to the wide range of exposure times, Oralix AC is able to operate perfectly with conventional radiographic films, digital sensors (i.e. Gendex VisualiX) and photo-stimulated phosphor plates (i.e. Gendex DenOptix).



Timers

Clarity and simplicity of use characterise the **Secondent and Densomat** timers.



The Secondent timer is the ideal solution for those professionals who prefer having a direct control of the working procedures and therefore require a manual set up of the exposure times.

The Densomat timer features, beyond the manual selection, the pre-programmed automatic set up by the selection of the patient size, the tooth type and the used image detector (film or digital) directly on the system user interface. **Optionally, the Densomat timer can even control two tubeheads.**

Both timers can be placed close to the mechanical suspension arm or outside the operating room with no additional cost.



Collimators

The Oralix AC x-ray tubehead can mount several types of beam limiting devices: those with a circular section or the rectangular one which halves the radiation dose given to the patient. All beam limiting devices grant an extremely clear x-ray beam and are totally shielded in order to cut any scattered radiation.



Configurations

Depending on the specific arrangement of the dental practice it is possible to choose between different lengths of the extension arm.



Additionally, the Oralix AC can be also placed on a mobile stand specifically designed to grant the maximum level of mobility into the dental practice.

All types of mounting grant excellent manoeuvrability with direct access to the patient and optimal stability.

Technical Characteristics

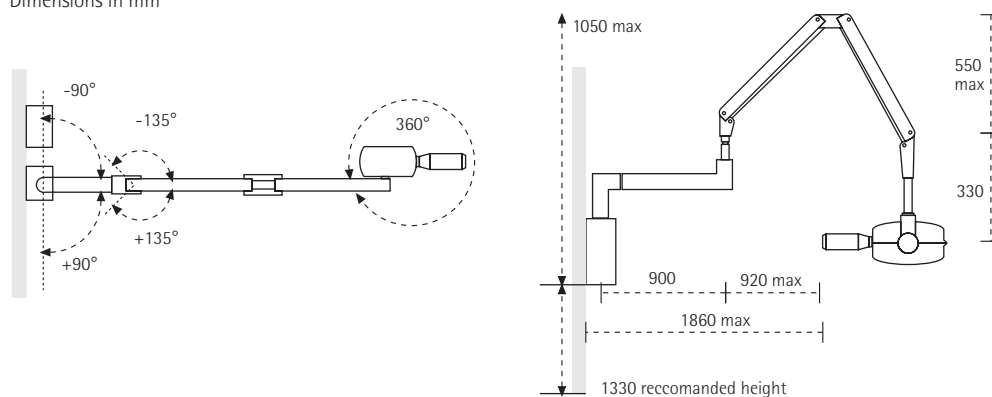
Mains supply	230V +/- 10%, 50/60Hz	
Anode voltage	65 kV	
Anode current	7.5 mA	
Focal spot	0.7 (IEC 336/1993)	
Exposure time range	from 0.03 to 2.5 s	
Inherent filtration	2 mm Al equivalent	
Focus to skin distance	20 cm or 30 cm (optional)	
X-ray field	60 mm (round bld)	35x45 mm (rectangular bld)
Duty cycle	1:75	
Radiation leakage	< 5 mR/h at 1m	
Useful reach	141/186 cm	

Applicable regulations

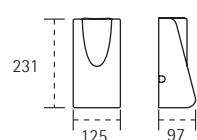
The Oralix AC systems comply with IEC international regulations and CE requirements

Installation Requirements

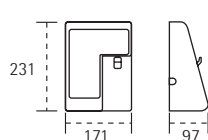
Dimensions in mm



Wall support



Dental Timer



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