



xgenus

de Götzen

## “EASY AND SMART

### RELIABLE TECHNOLOGY



The intraoral generators of the xgenus family pack together the years of experience of de Götzen in designing technologically advanced and reliable solution for dental radiology field. The two members of the family, the DC and the AC version, are engineered to guarantee high quality beam and precise control on the exposure times, for the best outcome of any exam.

### HIGH FLEXIBILITY



The different options available allow you to configure the device tailored on your needs and your preferences. A wide selection of arm lengths is available as well as a full set of cone types in order to set the shape of the beam and the source-to-skin distance. Everything ensuring the best experience as always on device positioning during its operation: the arm is light enough to be positioned with one finger!

### CLEAN DESIGN



The clean and simple design of the xgenus family generators guarantees a seamless integration of the devices in any environment.

The interaction with the unit is outmost simple thanks to the high user-friendliness of the control panel, equipped with large soft touch buttons and LED lights to always have under control the status of the device.

xgenus and xgenus DC are the latest evolution of the worldwide known de Götzen intraoral generators, designed for the highest level of reliability in order to keep the user interaction experience at the same level over time.



Beautifully designed for a perfect integration in any environment and the finest technology guarantees high standards of image quality.



## HIGH-PERFORMANCE

xgenus and xgenus DC are well-known for their reliability and their consistent performance. The generator operates at high frequency with constant potential to guarantee high quality x-ray beam in all the using conditions.

## USER-DEFINED

With xgenus and xgenus DC timer, the micro-processor controlled exposure times are user-defined and programmable. Exposure times with the xgenus DC generator are reduced when used with digital sensors.

## TECHNICAL SPECIFICATIONS

	xgenus	xgenus DC
Classification	Electromedical equipment, Class 1 type B	
Supply voltage	115 V / 220 V / 230 V - monophas 50/60 Hz	115 - 230 V - 50/60 Hz
Power absorption at 230 V	0,8 kVA	1,4 kVA
X-ray tube voltage	70 kV	60-70 kV
Anodic current	8 mA	4-8 mA
Focal spot	0,7 mm	
Total filtration	Equivalent to 2.3 mm Al at 70 kV	
Leakage radiation	< 0,25 mGy / h	
Technology	AC	DC
Timer	from 0.08 to 3.2 seconds	from 0.02 to 3.2 seconds
Weight of the head	9 kg	5,5 kg
Total weight	28 kg	25 kg
Options	Circular cone ø 60 mm..... 20 cm (8") or 30 cm (12") Rectangular cone 45x36 mm.....20 cm (8") or 30 cm (12") Arm extension.....0.40 m ou 0.80 m ou 1.10 m SOPIX inside/SOPIX <sup>2</sup> inside.....Size 1, size 2 Remote exposure switch  Ceiling arm.....Ref. Faro Ø 35 mm – length 1.70 m or 1.30 m Unit arm.....Ref. Faro Ø 60 mm or Ø 50 mm Mobile.....Height 1.10 m, length 0.80 m, width 0.70 m	



