



Dental
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Villa Sistemi Medicali long-standing experience at the service of our customers



Competence in x-ray systems

Villa Sistemi Medicali specialists can provide qualified information on new x-ray systems, room structure and installation and equipment positioning.

A wide range of equipment

Villa Sistemi Medicali is among the major European manufacturers of radiological systems and offers a wide range of products, such as:

- Digital radiographic and angiographic systems
- Remote controlled tables
- Classical tilting tables
- General rad floating tables
- Chest stands
- Mobile units
- Surgical C arms
- HF Generators
- Dental units: Intra-oral, panoramic and 3D

Our priority: Technical Service

A wide network of highly skilled service engineers ensures effective and reliable maintenance of all Villa Sistemi Medicali equipment installed worldwide. Preventive maintenance programs and Service Contracts are adapted to the needs of our customers

Logistic services: a widespread presence

Spare parts, accessories and consumables are shipped daily by Villa Sistemi Medicali to all its customers worldwide.

Products are continuously under review in the light of technical advancement; the actual specifications may therefore be subject to improvement or modification without notice. Some features and/or accessories displayed and described could be optional or not available on different markets. All pictures published in the present document are shown exclusively for demo purposes and could be adapted for graphic needs. All rights reserved - Printed in Italy - 10/12



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ENDOGRAPH^{dc}
A new era for intraoral units



Endograph DC opens a new era for intraoral units: a new era characterized by **peerless convenience, easiness of use and innovative design.**

A model of state-of-the-art technology, thanks to its **high frequency generator** coupled with the mains-fluctuations compensating timer, Endograph DC makes a step further in the direction of user friendliness: its beautiful, shield-shaped control unit integrates a **large area display** showing the parameters efficiently organized in working areas and, for the first time, cleverly **combining icons and tooth name.** This assures optimal visibility all over the operating process, helping the user to limit the attention to be paid to system's settings, to better concentrate on the operation itself.

Designed with the dentist's **workflow in mind**, Endograph DC comes to the user's aid also at the moment of the exposure: the availability of a **wireless command** allows to forget the limitations of a fixed activation switch, thus representing a significant advantage, particularly appreciated during full-mouth series.

Thanks to its **huge range of configurations**, either fixed or mobile, Endograph DC can be installed in any clinical environment and the **standard availability of preset settings** for films, Photostimulable Phosphor Plates (PSP), or Digital Detectors, allows the use with any receptor, from any manufacturer.

- dc** **Hi-frequency generator,** for shorter exposures and reduced dose
- Wireless X-ray pushbutton,** available for ultimate user convenience
- Graphical user interface,** for the easiest system's setting
- Multilingual main screen,** for an effective communication with any patient
- Contrast/brightness regulation,** to customize completely the display's layout
- kV** **Kilovoltage selection,** leading to more than 100 possible combinations of technique factors
- S** **Manual command mode,** to meet any possible user need
- mGy** **Standard dose visualization,** to comply even with the strictest regulations
- Preset anatomic programs,** to properly cover any patient size
- Predefined tooth selection,** allowing the user to rely on our clinical application experience
- D** **Digital sensor mode,** reporting specific settings even for the latest intraoral sensors
- P** **Phosphor mode,** dedicated to users of dental CR plates
- F** **Film mode,** showing appropriate factors for traditional film users
- Long cone mode,** adapting exposure times in case of 30cm cone use
- Zzz...** **Automatic sleeping function,** to always grant minimal power consumption
- Fast after-exposure cooling,** to maximize user's workflow and improve patient throughput
- External timer kit,** allowing the installation of a unit timer out of the operator

Enjoy a masterpiece of genuine Italian design

No doubt that Endograph DC catches the attention with its eye capturing design, stylishly combining curved and straight surfaces: the result is a product differing from competition and perceived to characterize your operator. 100% designed and manufactured in Italy, Endograph DC grants optimal quality and reliability, as it can be seen from the care even for the smallest details: the glossy painting of the parts for the best cleaning, the rubber insertion on the tubehead support for an optimized handling, the arm entirely in aluminium for a maximized stability.



X-ray button to be cabled inside or outside the operator? Take it wireless!

Endograph DC goes beyond the need of cabling an activation switch somewhere in the practice, as the availability of a wireless control makes possible the exposure with a convenience unthinkable for cabled buttons. Should the user prefer, a remote timer can be mounted as well out of the operator, to combine settings and exposure out of the patient area.



Feel the innovation of a breakthrough user interface

Bored about conventional intraoral units, interacting with users just with a small display and a few of LEDs? Endograph DC stands out from them completely, thanks to the full-size LCD display being one of the most distinguishing parts of the machine. It includes, for the first time, both icons as well as tooth extended descriptions, to maximize visibility and communication with patients; additionally, the levels of brightness and contrast can be adjusted, as the positive/negative ratio and the language of the principal user interface.



Find easily the version best matching your practice

Endograph DC matches any practice, as it is available with 3 different sizes of extension arms that can be adapted to virtually any room. Upon request, Endograph DC can come also as a mobile unit mounted on trolley, particularly indicated in emergency contexts.

Accessories: 30 cm collimator cone extension, 35x45mm - 25x35mm - 20x30mm collimators, external cabling kit.

Technical data	Dimensional data
Power supply	220-240V ±10%- 50/60 Hz; 110-120V ±10%- 50/60 Hz
X-ray tubehead	DC hi-frequency, 60-65-70 kV, 6 mA
Focal spot	0.5 mm (IEC 336)
Leakage radiation	< 0.25 mGy/h @ 1m
Exposure times	0.01s to 2s in 36 steps
Anatomic programs	882 pre-set times
Total reach (B)	Extension arm A = 30cm (11-13/16") 786mm (30-61/64") Extension arm A = 60cm (23-5/8") 1086mm (42-49/64") Extension arm A = 80cm (31-1/2") 1286mm (50-41/64")
Total inside reach (C)	Extension arm A = 30cm (11-13/16") 1430mm (56-5/16") Extension arm A = 60cm (23-5/8") 1730mm (68-1/8") Extension arm A = 80cm (31-1/2") 1930mm (76")
Suggested height (D) = 1450mm (57")	

