

# Beyes<sup>®</sup>

*The Next Standard<sup>®</sup>*

- Stylish
- Durable



**Duray<sup>®</sup>**  
DC X-ray unit

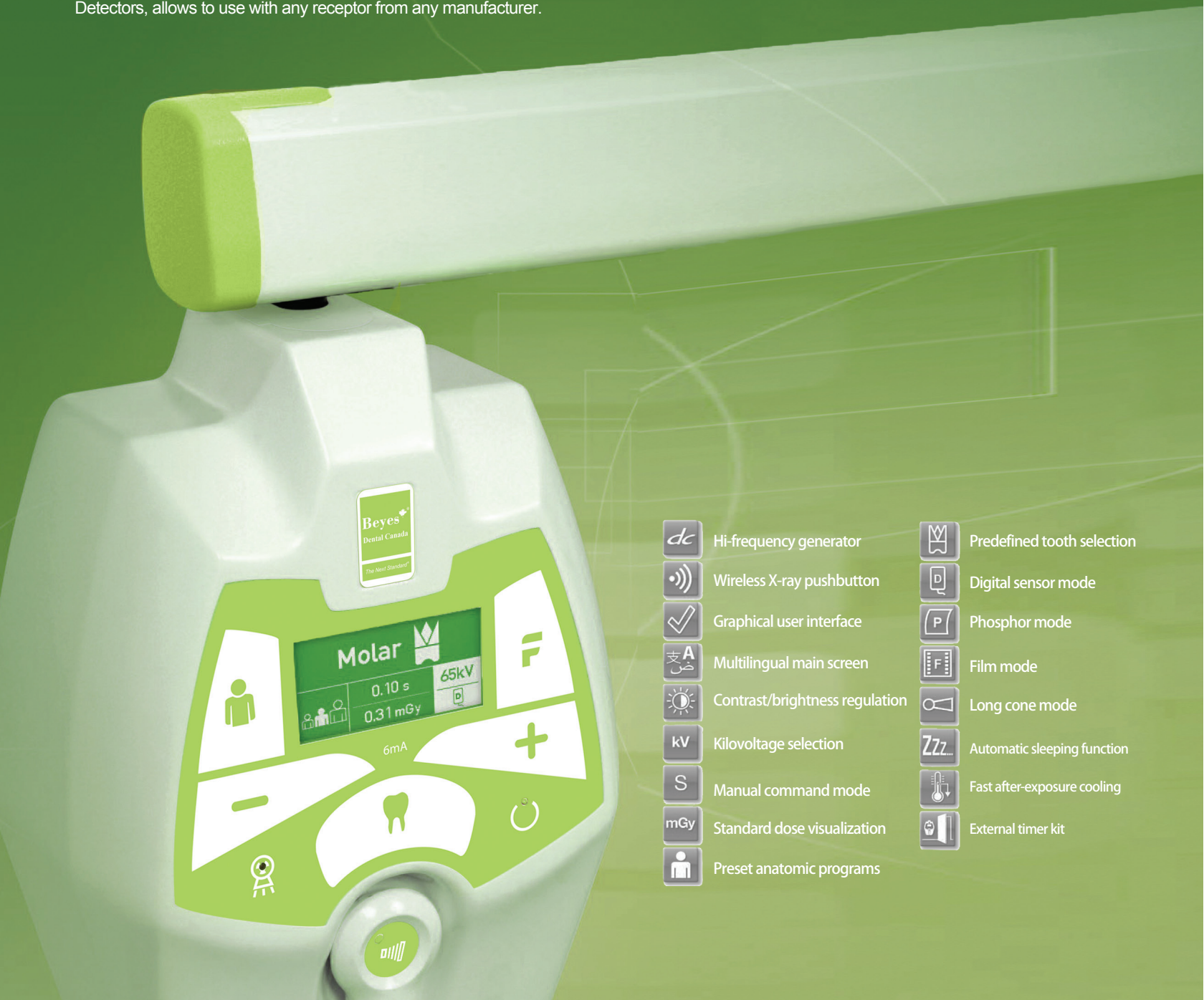
# Duray®


















Duray DC X-ray Unit opens a new era for intraoral units. A new era characterized by peerless convenience, easiness of use and innovative design.

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

Design with dentist's workflow in mind, Duray DC X-ray Unit comes to the user's aid at the moment of the exposure: the availability of a wireless command allows one to forget the limitations of a fixed activation switch, thus representing a significant advantage, that particularly appreciated during full-mouth series.

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



- |   |                                |   |                             |
|---|--------------------------------|---|-----------------------------|
|  | Hi-frequency generator         |  | Predefined tooth selection  |
|  | Wireless X-ray pushbutton      |  | Digital sensor mode         |
|  | Graphical user interface       |  | Phosphor mode               |
|  | Multilingual main screen       |  | Film mode                   |
|  | Contrast/brightness regulation |  | Long cone mode              |
|  | Kilovoltage selection          |  | Automatic sleeping function |
|  | Manual command mode            |  | Fast after-exposure cooling |
|  | Standard dose visualization    |  | External timer kit          |
|  | Preset anatomic programs       |   |                             |

## Enjoy a masterpiece of genuine Italian design

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



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

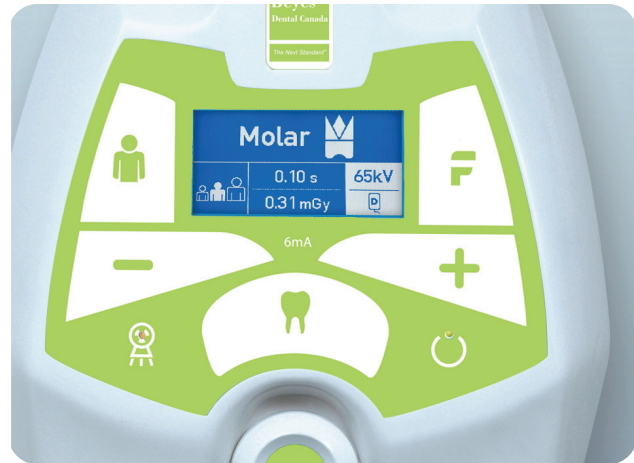
Duray DC X-ray unit goes beyond the need of cabling an activation switch somewhere in the practice, as the availability of a wireless control makes possible, the exposure with a convenience unthinkable for cabled buttons. Should the user prefer, a remote timer can be mounted outside of the operator and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





## Feel the innovation of a breakthrough user interface

Bored with conventional intraoral units that interact with users just with a small display and a few LEDs? Duray DC X-ray unit 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, for maximize visibility and communication with patients; additionally, the levels of brightness and contrast can be adjusted, as well as the positive/negative ratio and the languages of principal user interface.



## Find easily the version best matches your practice

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

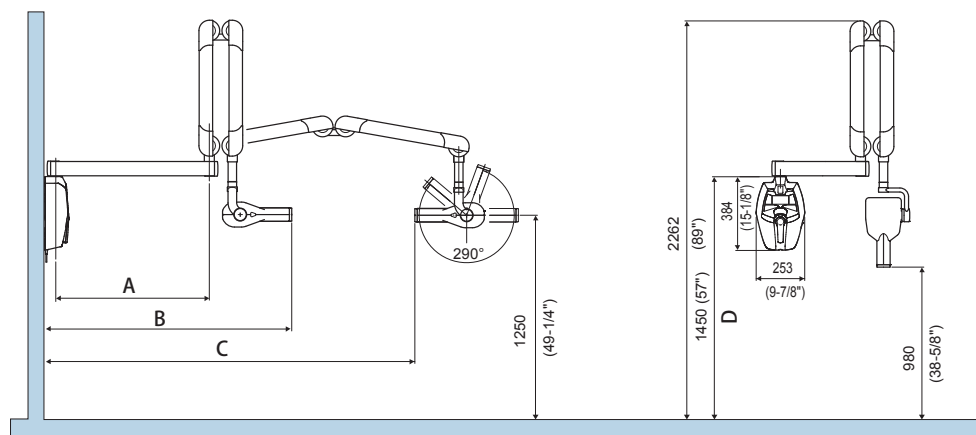
**Accessories:** 30 cm collimator cone extension, 35x45mm - 25x35mm - 20x30mm collimators, external cabling kit.

### Technical data

Power supply	220-240V ± 10%-50/60Hz; 110-120V ± 10%-50/60Hz
X-ray tubehead	DC hi-frequency, 60-65-70kV, 6mA
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

### Dimensional data

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")	



Dimensions = mm / (Inch)



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