

Best-X-DC With Tim-X

code 8100S



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The new BEST-X-DC with Tim-X includes the palmtop TIM - X for total remote control of all exposure parameters allowing for a more compact and straightforward installation and operation.

The market leading 0.3 mm focal spot tube allows for a more detailed X-Ray image with any type of film, sensors and phosphor plates, as well as reducing to a minimum the exposure time / emitted dose. Lightweight and compact, its lightweight tube head (3.5 kg) allows for easy manoeuvrability of the tube head enables immediate, precise and vibration-free positioning. TIM-X is a state-of-the-art wireless radio-frequency palmtop which allows full control of the X-Ray unit in total safety ensuring ease of handling. Remote management of kilovolt [kV], milliamperes [mA], and exposure time [ms], makes the Best X-DC a unique device of its kind. Exposure timings are pre-programmed (according to R10 scale) and these may be further customized by the end user to suit specific radiographic requirements. The constant DC generated X-Ray output potential significantly reduces the dose to the patient. Further operator and patient safety is provided by the systems exclusive thermoswitch that stops X-Ray exposure emission in the unlikely event of an exposure timer failure.

Technical Data	BEST-X-DC With Tim-X
Classification	Class I Electro-medical Apparatus with type-B part applied
Head	Constant potential radiographic managed by microprocessor
Rated electrical power	0,800 [kW]
High frequency technology	100 [kHz]
Focal spot	0,3 mm (IEC 336)
Absorption	6 [A]
Tube	OX/70-3
Ø of long cone at the end of spacer	< 6 [cm]
Total filtration	2 [mm] Al eq.
Selectable anodic current	4 – 6,5 [mA]
Selectable voltage to x-ray tube	60 – 70 [kV]
Dispersed radiation	≤ 0,25 [mGy/h] at 1 meter from focus
Exposure time	20 ÷ 1000 [ms] scale R10
Intermittent operation Power supply	230 [V] ± 10%
Intermittent operation	1 [s] exposure 30 [s] reset max
Distance	F.F. 20 [cm]
Fuse	F 6,3 AH
Deadman logic control	Wireless

Conformity X-Ray units are manufactured according to Directive 93/42/EEC

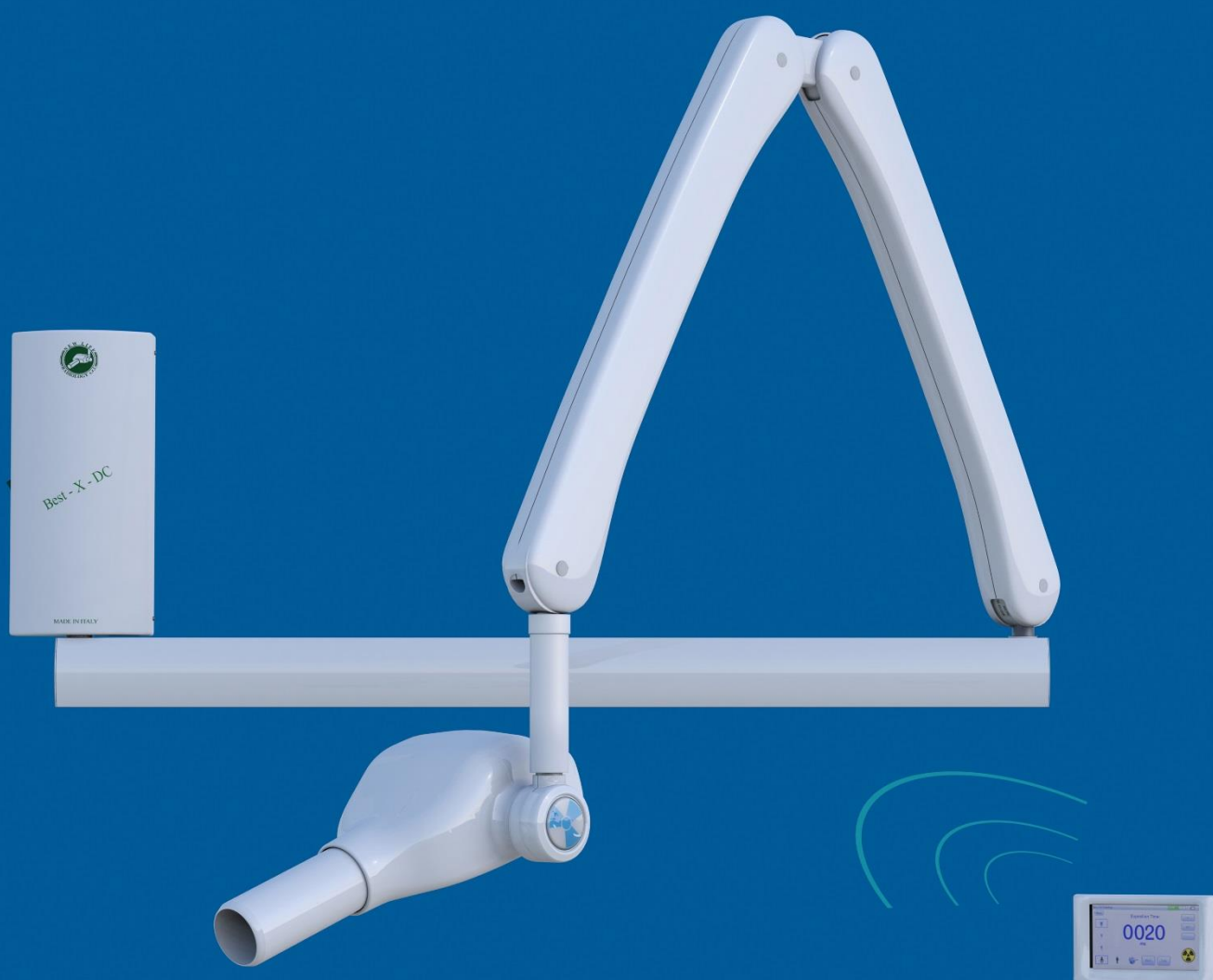
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The new Best-X-DC With Tim-X configuration includes the palmtop TIM - X for the control of exposure parameters. The 0.3 mm focal spot tube allows to obtain more detailed x-ray images with any type of film, sensors and phosphor plates, reducing to a minimum the exposure time / emitted dose. TIM-X is a state-of-the-art wireless radio-frequency palmtop which allows to control the X-Ray Unit in total safety ensuring ease of handling. Remote management of kilovolt [kV], milliamperes [mA], and exposure time [ms], makes Best X-DC a unique device of its kind. Exposure timing preset programs (according to R10 scale) may be customized by the end user. The easy manoeuvrability of the head, which is very light, enables an immediate, precise and vibration-free positioning.

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