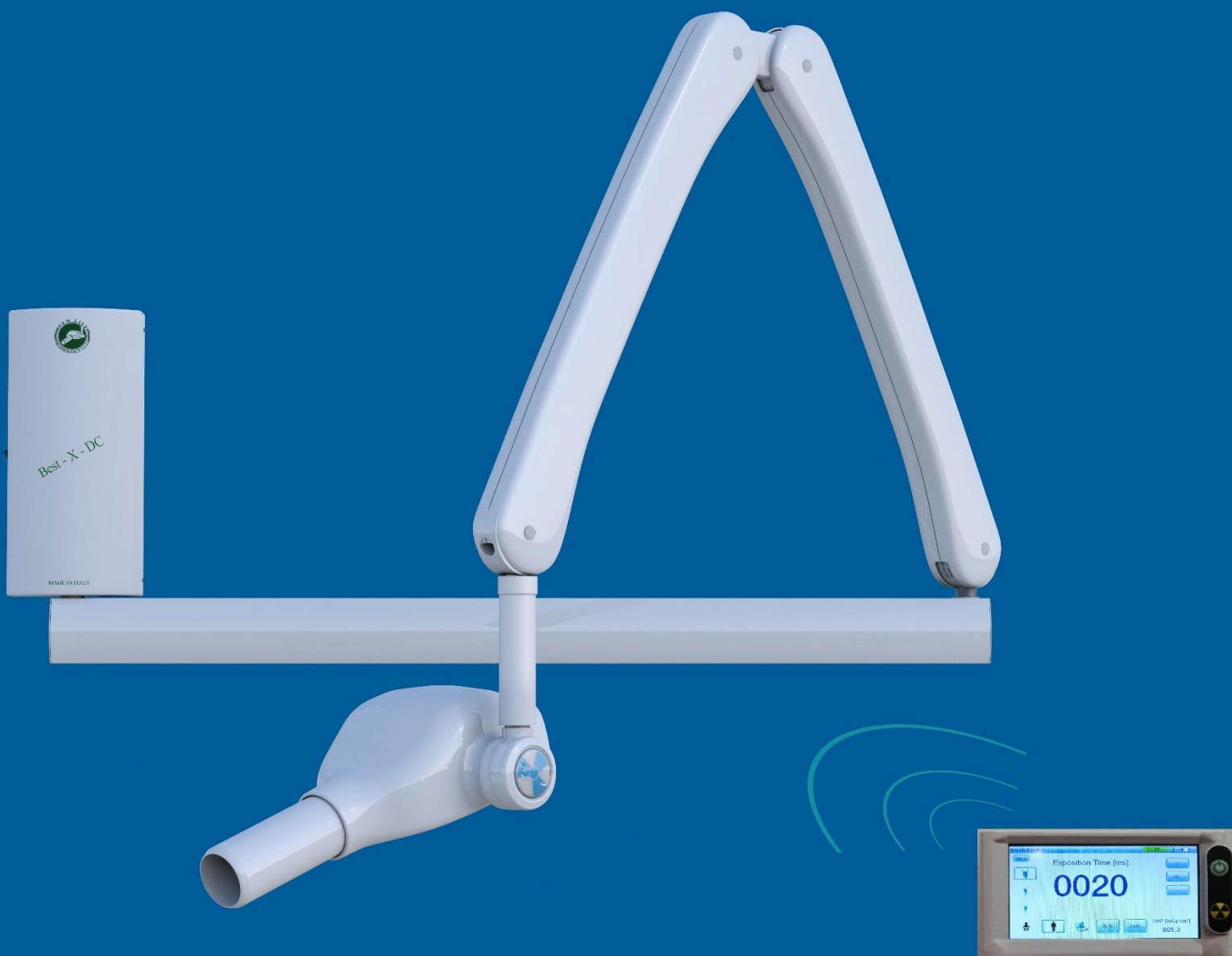




new life radiology



Best-X-DC With Tim-X



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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.D. 20 [cm]
DAP [mGy*cm ²]	For each exposure the DAP value is indicated
Deadman logic control	Wireless

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

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