

BEST-X-DC



code 8000M

New Life Radiology s.r.l.
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Thanks to New Life Radiology's long experience, the BEST-X-DC has been designed and manufactured to take full advantage of the most modern technique applied to dental radiology.

Lightweight and compact, its lightweight tube head (3.5 kg) allows for easy manoeuvrability of the tube head which enables immediate, precise and vibration-free positioning.

Using the exclusive tube head mounted timer, the exposure times can be used with pre-set exposure times or modified by the end user if necessary.

The device is remotely controlled to ensure complete safety for the operator.

The constant DC generated X-Ray output potential significantly reduces the dose to the patient whilst still obtaining high definition images on either traditional film, digital and phosphor plate systems, safeguarding the health of the patient.

Further operator and patient safety is provided by the systems' exclusive thermoswitch which stops X-Ray exposure emission in the unlikely event of an exposure timer failure.

This equipment can be supplied as either wall mounted (code 8000M) or mobile stand (code 8000S).

Technical Data	BEST-X-DC
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	0,7 [mm] optional 0,4 [mm] (IEC 336)
Absorption	6 [A]
Ø of long cone at the end of spacer	< 6 [cm]
Total filtration	2 [mm] Al eq.
Selectable anodic current	4 – 7 [mA]
Selectable voltage to x-ray tube	60 – 70 [kV _p]
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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