AC MOBILE/WALL MOUNT DENTAL X-RAY

Crafted for dentists who desire high quality, efficiency and safety above all.

Technical Specifications	
Model	BI IMAGE-X EVOLUTION®
Manufactured for	DPM USA Corp.
Max. Input Current	8.2 A@120 VAC
Power Consumption	0.8 KVA@120V
Imput Voltage Regulation	3%@120 V
Circuit Breakers	20 A
Fuses	10A / 250V / 40 ms / 100 A Breaking Cap
Line Voltage	120V
Line Frequency	60 Hz
Apparent Resistance	0.4-0.8 Ω
Timer Accuracy	
Timer (Normal Mode)	0.08 to 2.2 seconds
Timer (Digital Mode)	0.01 to 0.2 seconds
Wall Plate Dimensions	45 x 26 cm.
X-Ray Head	
Output Voltage	70 Kvp ± 15% @ 120V
High Voltage Circuit Type	120 VAC Single Phase Rectified
Output Current	10 mA ± 20% (max)
Power	0.8 KW
Total Filtration	≥ 2.5 mmAl @ 70 Kvp
Inherent Filtration	≥ 1.3 mmAl
Added filtration	≥ 1.32 mmAl
Internal Time Between Exposures (Duty Cycle)	32 times the exposure time / 1:32
Beam Limiting Device	Built in the assembly of the head (non removable)
Minimum Distance Between the Source and Skin	20 cm (8")
Maxymum Symmetrical Radiation Field @ 20 cm	6 cm (2 3/8")
Radiation Absorbed @ 1mm	< 50 mRh, Duty Cycle 1:32
Technical Factors of Absorbed Radiation	70 Kvp, 10mA, 1.3 Seconds

X-Ray Source	
Manufacturer	Kaylong Co. LTD
Type	KL1-0.8-70
Focal Point	0.8 mm
Inherent Filtration	≥ 1.3 mmAl
Transformer Specifications	
Transformer	Oil
Insulation	Inmersion
Cooling Rate	Convection
Preheating Time	100 ms
Manufacturer for	DPM USA Corp.
Transformer Type	3 connecting Lines
Enviromental Conditions	
Temp. Range for Transport and Storage	(-10 °C a 60 °C) No condensation
Max. Relative Humidity in Transport and Storage	95 % No condensation
Min. Pressure Atmospheric Transport and Storage	50 kPa
Operating Temp. Range	(10 °C a 40 °C) No condensation
Parts Of X-Ray Equipment	**Weight**
Total weight Including Packaging (Wall Mount Model)	28 Kg.
Total weight Including Packaging (Floor Model)	44 Kg.
Fixed Arm 34"	3.5 Kg.
Articulated Arm	10.2 Kg.
Base	20.5
X-Ray Head	8.8 Kg.

Dental Focus ™, LLC • 30 Royal Road, Unit 1 • Flemington, NJ 08822
www.dentalfocus.biz • info@dentalfocus.biz • (908) 968-3553