

AC MOBILE/WALL MOUNT DENTAL X-RAY

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

Теснию	CAL 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
mput Voltage Regulation	3%@120 V
Circuit Breakers	20 A
Fuses	10A / 250V / 40 ms / 100 A Breaking Cap
ine Voltage	120V
Line Frequency	60 Hz
Apparent Resistance	0.4-0.8 Ω
	ier Accuracy
Гimer (Normal Mode)	0.08 to 2.2 seconds
Timer (Digital Mode)	0.01 to 0.2 seconds
Wall Plate Dimensions	45 x 26 cm.
	K-Ray Head
Dutput Voltage	70 Kvp ± 15% @ 120V
ligh Voltage Circuit Type	120 VAC Single Phase Rectified
Dutput Current	10 mA ± 20% (max)
Power	0.8 KW
Power Total Filtration	≥ 2.5 mmAl @ 70 Kvp
	\geq 2.5 mmAi @ 70 KVp \geq 1.3 mmAl
Inherent Filtration	
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	20 cm (8")
Source and Skin	
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed	6 cm (2 3/8") < 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Rechnical Factors of Absorbed Radiation X Manufacturer	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Rechnical Factors of Absorbed Radiation X Manufacturer Type	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Fechnical Factors of Absorbed Radiation X Manufacturer Type Focal Point	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration TRANSFOI	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp.
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines WENTAL CONDITIONS
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines WENTAL CONDITIONS
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type <u>Envireor</u> Temp. Range for Transport and 2 Max. Relative Humidity in Tran Storage	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines MENTAL CONDITIONS Storage (-10 °C a 60 °C) No condensation 95 % No condensation
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type Envireor Transformer Type Envireor Temp. Range for Transport and 3 Max. Relative Humidity in Tran Storage Min. Pressure Atmospheric Tran Storage	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines MENTAL CONDITIONS Storage (-10 °C a 60 °C) No condensation sport and 50 kPa
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type Environ Transformer Type Environ Temp. Range for Transport and 1 Max. Relative Humidity in Tran Storage Min. Pressure Atmospheric Tran Storage Operating Temp. Range	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD K1.1-0.8-70 0.8 mm ≥ 1.3 mmAl RMERSPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines MENTAL CONDITIONS Storage (-10 °C a 60 °C) No condensation sport and 50 kPa (10 °C a 40 °C) No condensation NT WEIGHT
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type ENVIROI Temp. Range for Transport and S Max. Relative Humidity in Tran Storage Min. Pressure Atmospheric Trar Storage Operating Temp. Range PARTS OF X-RAY EQUIPME Total weight Including Packag Mount Model)	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD KL1-0.8-70 0.8 mm ≥ 1.3 mmAl XMER SPECIFICATIONS 0il Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines MENTAL CONDITIONS Storage (-10 °C a 60 °C) No condensation sport and 50 kPa (10 °C a 40 °C) No condensation NT WEIGHT ing (Wall 28 Kg.
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type EnvviRof Temp. Range for Transport and S Max. Relative Humidity in Tran Storage Min. Pressure Atmospheric Trar Storage Operating Temp. Range PARTS OF X-RAV EOUIPME Total weight Including Packagi Mount Model)	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD Kaylong Co. LTD K1.1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines MENTAC VDITIONS Storage 50 KPa (10 °C a 40 °C) No condensation NT WEIGHT 128 Kg. ng (Floor 44 Kg.
Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type EnvUROF Temp. Range for Transport and 1 Max. Relative Humidity in Trans Storage Min. Pressure Atmospheric Trar Storage Operating Temp. Range PARTS OF X-RAV EOUIPME Total weight Including Packagi Mount Model) Fixed Arm 34"	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD K1.1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines MENTAL CONDITIONS Storage (-10 °C a 60 °C) No condensation sport and 50 KPa (10 °C a 40 °C) No condensation NT WEIGHT 28 Kg. ng (Floor 44 Kg. 3.5 Kg.
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type EnvviRof Temp. Range for Transport and S Max. Relative Humidity in Tran Storage Min. Pressure Atmospheric Trar Storage Operating Temp. Range PARTS OF X-RAV EOUIPME Total weight Including Packagi Mount Model)	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD K1.1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines MENTAL CONDITIONS Storage (-10 °C a 60 °C) No condensation sport and 50 kPa (10 °C a 40 °C) No condensation NT WEIGHT 28 Kg. ng (Floor 44 Kg. 3.5 Kg. 10.2 Kg.
Maxymum Symmetrical Radiation Field @ 20 cm Radiation Absorbed @ 1mm Technical Factors of Absorbed Radiation X Manufacturer Type Focal Point Inherent Filtration Transformer Insulation Cooling Rate Preheating Time Manufacturer for Transformer Type Envureof Transformer Type Envureof Tamp. Range for Transport and 3 Max. Relative Humidity in Tran Storage Min. Pressure Atmospheric Tran Storage Operating Temp. Range PARTS OF X-RAY EOUIPME Total weight Including Packagi Mount Model) Total weight Including Packagi Model)	< 50 mRh, Duty Cycle 1:32 70 Kvp, 10mA, 1.3 Seconds -RAY SOURCE Kaylong Co. LTD K1.1-0.8-70 0.8 mm ≥ 1.3 mmAl RMER SPECIFICATIONS Oil Inmersion Convection 100 ms DPM USA Corp. 3 connecting Lines MENTAL CONDITIONS Storage (-10 °C a 60 °C) No condensation sport and 50 KPa (10 °C a 40 °C) No condensation NT WEIGHT 28 Kg. ng (Floor 44 Kg. 3.5 Kg.

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