

[DRGEM] Product Configuration (JADE)

JADE



Model	JADE-32	JADE-40
Input Power	100 – 240V~ (Free voltage input), 50/60Hz	
Output Rating	Max. 3.2 kW (40mA@80kV, 32mA@100kV, 25mA@120kV)	Max. 4 kW (50mA@80kV, 40mA@100kV, 32mA@120kV)
Type	Microprocessor controlled High Frequency inverter	
KV Range	40 ~ 120 KV, 81Step(1KV Step)	
mA Range	10 ~ 80 mA, 10Step (10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80mA)	10 ~ 100 mA, 11Step (10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100mA)
Exposure Time	0.01 ~ 10 seconds, 21Step (in 25% Steps)	
mAs Range	0.1 ~ 250 mAs, 35Step(in 25% Steps)	
X-ray Tube Type	Stationary Anode	
Focal Spot Size (Small / Large)	0.5 / 1.5 mm	
Anode Heat Storage Capacity	56,000HU(40,000 J)	
Power Cord Length	5 m	
Exposure Hand-switch Cord Length	5 m(Max. Length)	
X-ray switching frequency	100 kHz	
Control	2 Point Control (kV, mAs)	
Control Display	LED (7-seg display & indicators)	
Anatomical Programs	Preprogrammed 9 APR data – User Programmable	
External Interface	USB, Bluetooth(Optional), DR Interface(Optional)	
Max. input Power Rating	32 A @ 240 V~ 40 A @ 100 V~	32 A @ 240 V~ 40 A @ 110 V~
Weight	15.5kg(34.1lb)(Include Collimator)	

Collimator

Model	KM1
Manufacturer	DRGEM
Control	Manual with 15, 30, 45, 60sec. lamp timer
Field Shape	Rectangular
Max. Field Size	44x44cm (at 100cm SID)
Leakage Radiation	Less than 40mR/hr.
Max. kVp shield	150kV
Inherent Filtration	2.0mmAl eq.
Luminosity	Over 160LUX at 100cm SID
Light source	19W LED
Standard	Rotating flange
Option	Tape measure(Max. 200cm)
Electrical Rating	12–45VDC, 20W
Dimension / Weight	172(W) x 172(D) x 97(H) mm / 2.5kg(5.5lb)

Mobile Stand

External Membrane Console	Control	2 Point Control (kV, mAs)
	Control Display	LED (7-seg display & indicators)
	Supported Function	APR1~9 select & Save, Collimator Lamp, Focus selection, Infrared remote controller Enable
	Exposure Hand-switch h Cord	5 m (Max. Length), without Mobile X-ray unit
Maximum Focus to Floor		2008mm
Minimum Focus to Floor		450mm
Maximum Dimension		614(w) x 984(D) x 2286(H) mm
Minimum Dimension		614(w) x 601(D) x 1338(H) mm
Weight		53.5kg(118lb) (Include Mobile X-ray Unit, Collimator)

Thank you very much