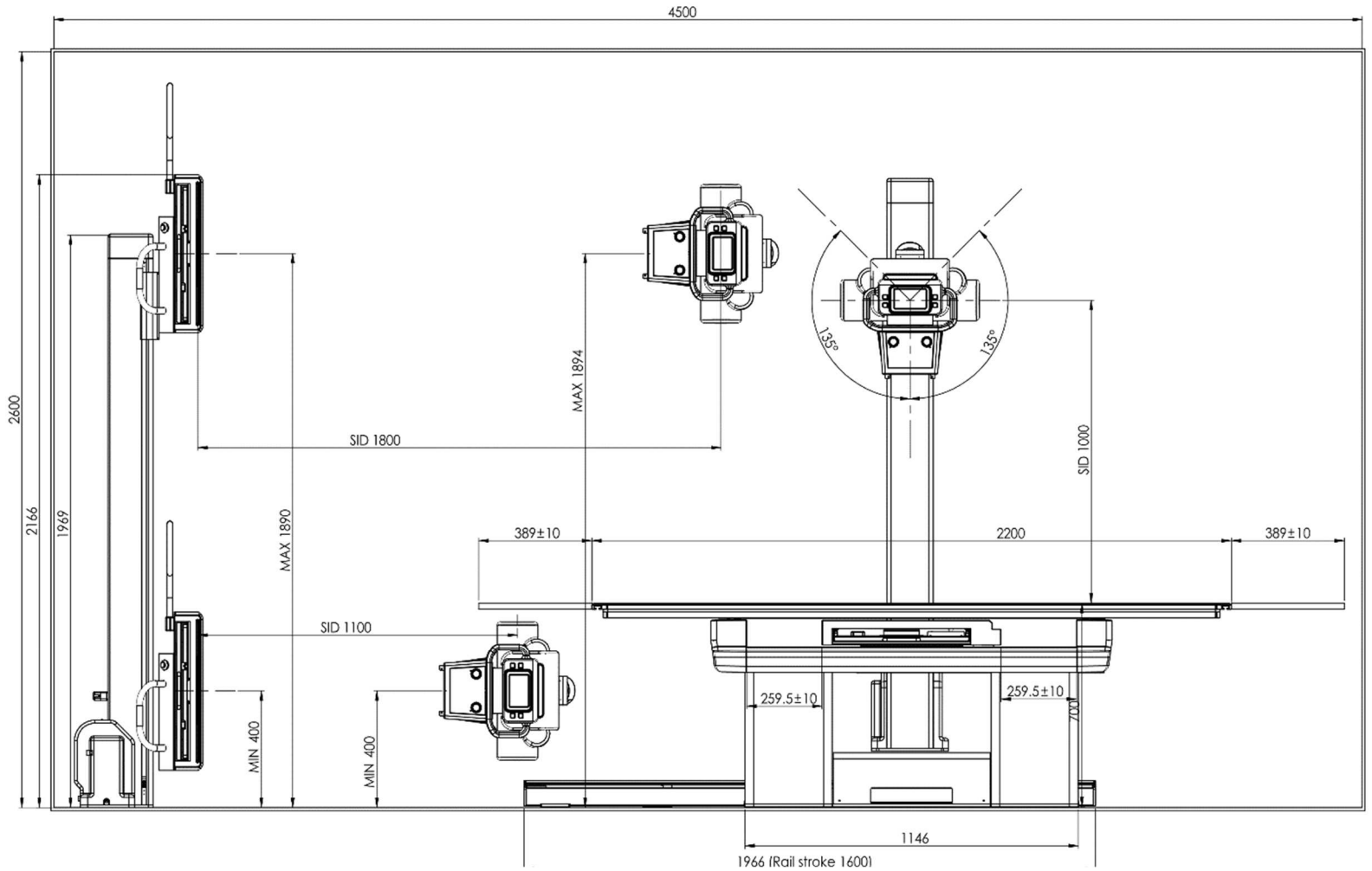
DRAY-GX200

(LAVID-F200)
4-Way FMTS System

CE

■ Specifications



Specification		
Generator (SGX-400S)	Input power	120 V~ / 220-240 V~, 50/60 Hz 10A (Momentary), 2A(Normal)
	High voltage operating frequency	80kHz
	Filament operating frequency	40kHz
	Output Power	40KW max in large focus
		22.5KW max in small focus
	kV range	40~125kV (1kV STEP) (±8%)
	mA range	40~500mA (±20%)
	ms range	1~6300ms (39 STEP) (±10%)
	mAs range	0.4~400mAs (31 STEP) (±10%)
	Apparent resistance of supply mains	120V~ < 0.1 ohm 220-240V~ < 0.32 ohm
	Resting time	Min. 5 min at max. mAs condition
	Interface	Foot Switch, DR Interface1, DR Interface2, Collimator, Tube Temp, Rotor, Bucky1, Bucky2, Grid1, Grid2
	OUTPUT PARAMETER	
	Maximum X-ray tube voltage and highest X-ray tube current at that voltage	125 kV, 320 mA
	Maximum X-ray tube current and highest X-ray tube voltage at that current	80 kV, 500 mA
	Combination of X-ray tube current and X-ray tube voltage resulting in highest output power	80 kV, 500 mA 100 kV, 400 mA
	Highest constant output power at 100 kV, 0.1 sec	100 kV, 320 mA, 0.1 sec (100kV, 400mA, 5 msec)
	Combination of exposure time and X-ray tube current parameters	40 mA, 10ms, 0.4mAs 63 mA, 6.3ms, 0.4mAs

		corresponding to the lowest current time product mAs	80 mA, 5ms, 0.4mAs 100 mA, 4ms, 0.4mAs 125 mA, 3.2ms, 0.4mAs 160 mA, 2.5ms, 0.4mAs 200 mA, 2ms, 0.4mAs 250 mA, 1.6ms, 0.4mAs 400 mA, 1ms, 0.4mAs
		Nominal shortest irradiation time (AEC mode)	10 ms
X-ray tube	Tube1	Manufacturer	LUCEM Co., Ltd.
		Maximum X-Ray Tube Voltage	125 kV
		Maximum X-ray Tube Current	570 mA (Large) / 340 mA (Small)
		Focal spot	1.0 mm (small) / 2.0 mm (Large)
		Target Angle	16°
		Nominal radiographic anode input power	50 Hz: 43 kW (Large), 21 kW (small) 60 Hz: 47 kW (Large), 22.5 kW (small)
		Anode Heat Content	100 kJ
		Maximum Anode Heat Dissipation	475 W
	Tube2	Manufacturer	Canon
		Maximum X-Ray Tube Voltage	125 kV
		Maximum X-ray Tube Current	570 mA(Large) / 340 mA(small)
		Focal spot	1.0 mm (small) / 2.0 mm (Large)
		Target Angle	16°
		Nominal radiographic anode input power	50 Hz: 42.5 kW (Large), 21 kW (small) 60 Hz: 47 kW (Large), 22.5 kW (small)
		Anode Heat Content	100 kJ
		Maximum Anode Heat Dissipation	475 W
Collimator		Manufacturer	Daesung

		Type	Manual
		Input Power	24 VAC, 1 A / 24 VDC, 1A 50/60 Hz
		X-ray Field size	48 x 48 cm, 1M SID
		Lamp (LED)	12 VDC, 13W
			More than 160 lux
		Lamp Time	30 sec
		Inherent Filtration	At least 1.2 mm Al
		Max. Tube Voltage	150 kVp
		Center Mark	Cross
Machines	Floor Mounted Tube Stand (Manual)	Movement	Vertical / Longitudinal travel controlled by electric magnet brake
			Tube rotation: ±135°
			Tube arm sliding movement: ±11 cm
			Column rotation: ±90°
		Travel Range	Vertical (Tube): 149 cm ±1 cm
			Longitudinal (Column): 160 cm ±1 cm
		Power Requirement	24 VDC, 3A
	Floating Table (Manual)	Tabletop Dimensions	220 cm x 80.6 cm
		Tabletop Travel Range	Longitudinal: ±36 cm ±1 cm
			Transverse: ±10 cm ±1 cm
		Detector Travel Range	±25 cm ±1 cm
		Max. Patient Weight	Under 200 kg
		Power Requirement	120V~ / 220 ~ 240VAC, 50/60Hz
	Bucky Stand (Manual)	Manual Movement	Vertical travel with electric magnet brake
		Vertical Travel Range	Max.: 189 cm
		(Central beam - floor)	Min.: 40 cm
		Power Requirement	24VDC, 1A