

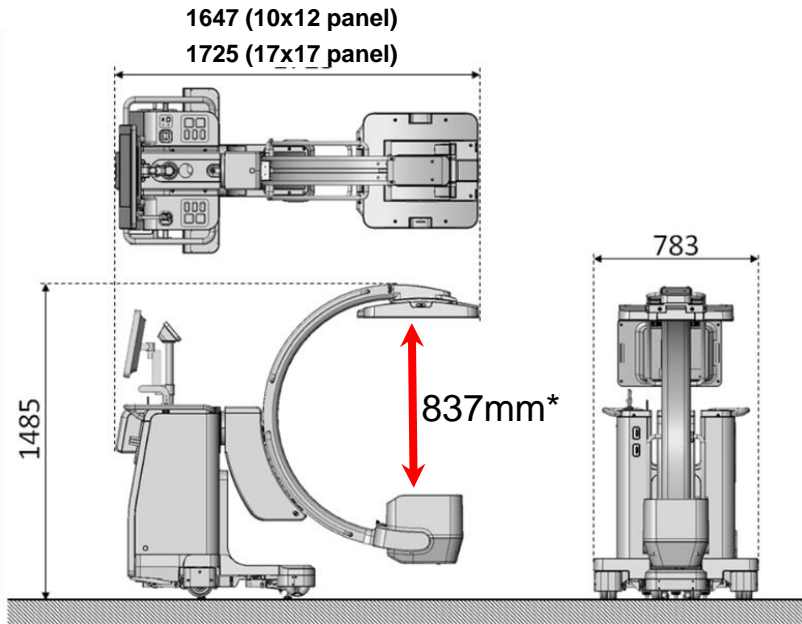
FUJIFILM FDR CROSS
Specification
- Simplified Ver.



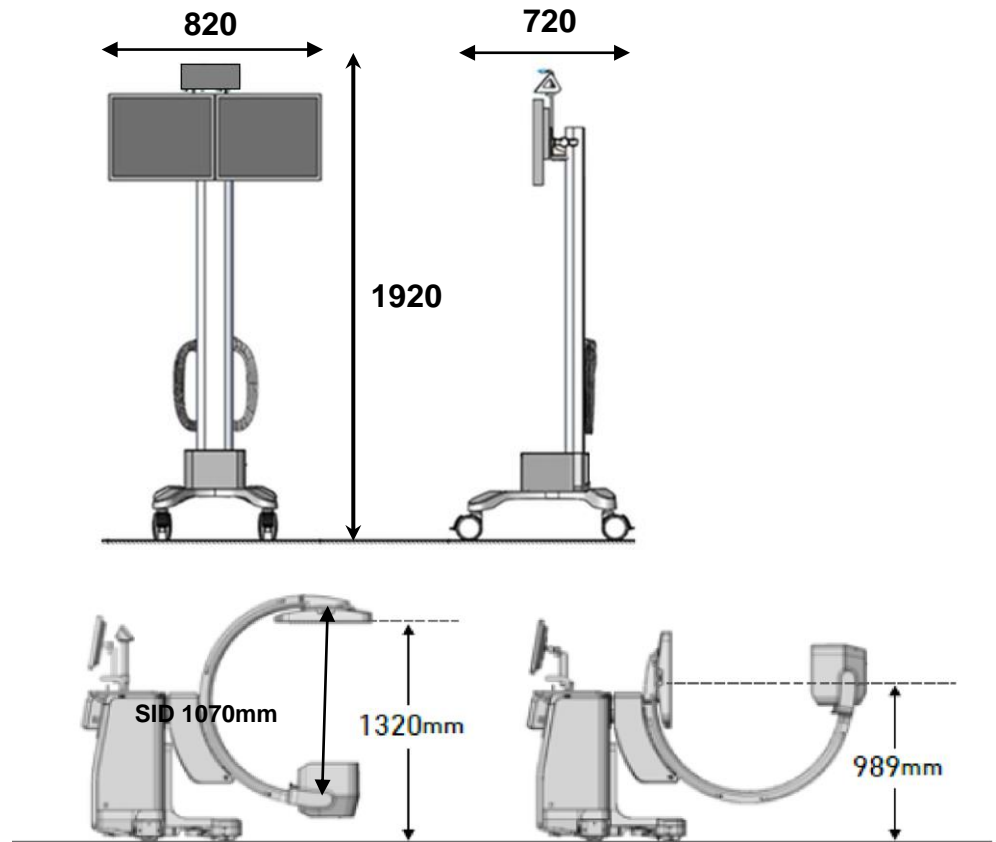
Version	Revised date	Revised description
1	Sep. 2022	Release
2		
3		

*This material contains the product information for product managers in each region.
Please make the local training material by arranging this sales learning resources.

Dimensions



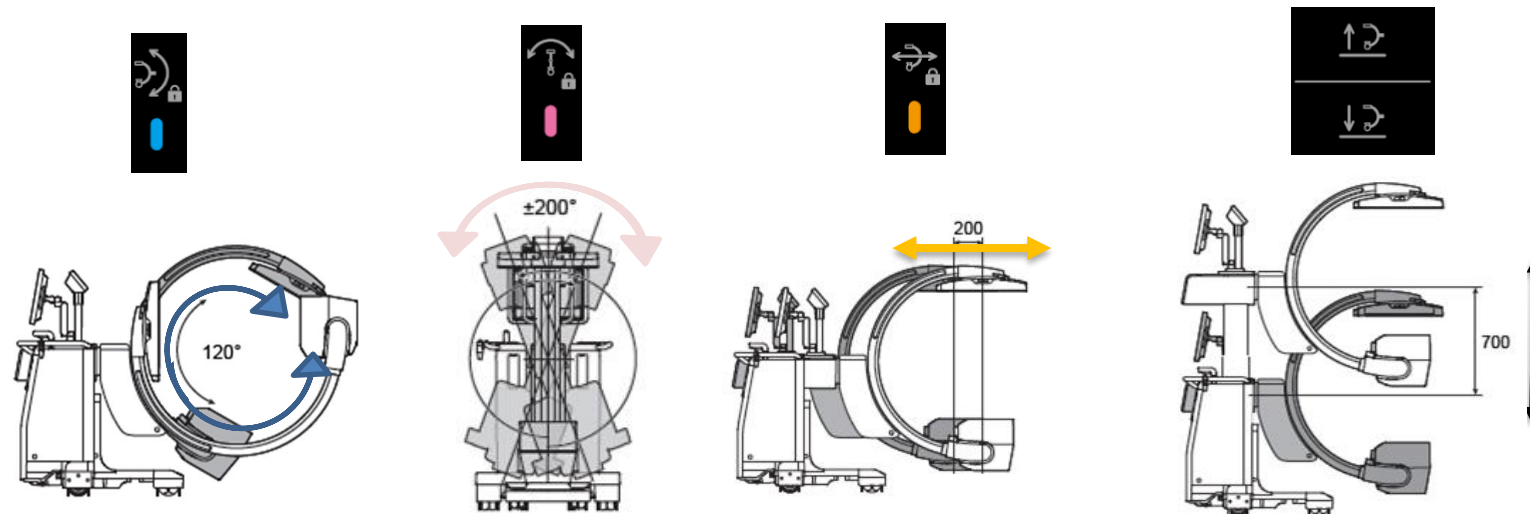
*US model: 749mm



Item	C arm unit	Monitor cart
Total Width	783mm	820mm
Total Length	1645-1725mm	720mm
Total height	1485mm	1920mm
Weight	249kg	50kg

Item	value
SID	1070mm
Lowest panel surface	1320 mm
Lowest panel center (LAT)	989 mm

C-arm movement



Item	Specification
Orbital rotation	120° (+30°- 90°)
Angular rotation:	±200°
Horizontal travel	20cm
Vertical travel	70cm

Item		Specification
When Powered by Battery	Power Supply	Internal battery
	Battery Type	Li-ion battery
When Charging Battery	Rated Voltage	Single Phase 100-240 V AC
	Frequency	50/60Hz
	Input current	12-5A
	Power Supply Rating	1.2kW

Item	Specification
Running time	8hours with 25min. RF time
Charging time	4hours to the full charge, 3hour to 80%
Quick charge	15min. Charge generate 2 min. RF time



Generator (Radiography)

Item	Specification	
Max. Electric Power	2.0kW (100 kV, 20 mA)	
Nominal Electric Power	2.0 kW (100 kV, 20 mA, 0.1 s) (product of max current flow possible for 0.1 seconds and tube voltage, at 100 kV nominal tube voltage)	
Ratings	Nominal maximum tube voltage and maximum tube current where nominal maximum tube voltage output is possible	110kV, 18mA
	Maximum tube current and maximum tube voltage where maximum tube current output is possible	80kV, 25 mA
	Combination of tube voltage and tube current that outputs maximum electrical power	100 kV, 20 mA
	Minimum current-time product	0.25 mAs
	Maximum current-time product	25 mAs

Generator (Fluoroscopy)

Item	Specification	
Max. Electric Power	Fluoroscopy: 1.12kW(70kV 16mA), Snapshot: 2.0kW (100 kV, 20 mA)	
Ratings	Nominal maximum tube voltage and maximum tube current where nominal maximum tube voltage output is possible	Fluoroscopy:110 kV, 10mA Snapshot: 110kV, 18mA
	Maximum tube current and maximum tube voltage where maximum tube current output is possible	Fluoroscopy:50 kV, 22mA Snapshot: 75kV, 25 mA
	Combination of tube voltage and tube current that outputs maximum electrical power	100 kV, 20 mA
Frame rate	15/8/4/2 fps	

X-ray tube unit

Item		Specification
Anode type		Stationary anode
Nominal Focal spot		0.6 mm
Target Angle		9 degree
Tube Voltage range		40-110kV
X-ray Tube (tube only)	Max. Anode Heat Content	85kHU (60kJ)
	Max. Anode Heat Dissipation Rate	600W (840HU/s)
Max. System heat content		600kHU (430kJ)
Surface Temperature on Touchable Surface of X-ray tube unit		Maximum 41°C (compliant to IEC60601-2-28 for painted X-ray tube unit surface)
Duration time of fluoroscopy		15min.
* In case of releasing the exposure switch every 30sec.		
* Condition 1.04kW (80kV,13 mA) , 7.5fps (After 10mini. Frame rate is decreased to 4fps automatically)		
* Environmental temperature 25°C		

Collimator

Item		Specification
Model		399Y120008
Field	Shape	Rectangular
	Max. Field	470 mm x 470 mm at SID 1 m
	Min. Field	20 mm x 20 mm at SID 1 m
For Radiography		
Illuminated Field	Average Illumination	200 lx
	Center Indicator	Cross hairs
	Type Of Lamp	LED
	Illumination Period	120sec.
Field Size Indicator	SID Display	1m
	Dimensions Display	25, (10), 30 (12), 36 (14), 43 (17) cm (in.)
Leaf Movement		Motorized
Rotation Range Around the X-ray Axis		± 45degrees



Minimum inherent filtration

Item	Specification
Total	2.5 mm Al at 75 kV
X-ray Tube Unit	1.2 mm Al equivalent at 75 kV
Collimator	1.3 mm Al equivalent at 75 kV

Foot switch

Item	Specification
Pedal	2 switch (Left:RF Right: snapshot/image store)
<Wired type>	
Cable length	5m
<Wireless type>	
Wireless protocol	Bluetooth
Charging way	DC cable from main unit Power is ON at any time Shot is available with DC cable
Sleep mode	start after 4hour-no-operation Recovery from sleep mode: step on the pedal for 5 seconds.
Battery running time	about 4days

CSL runs by Electric circuit boards. PC is not used.

Item	Specification
Monitor size	17 inch (Touch panel system)
Resolution	1280x1024
Storage	Built-in SSD: mSATA 256GB
Image storage area	196GB
Number of LIH images recorded	Approximate 93000 (LIH, 2.1MB/image)
Net work	Wired LAN : 10BASE-T/00BASE-TX/1000BASE-T Wireless LAN : Recommended commercially available Wifi USB adapter
External Inter face	USB port 4 Wired LAN port 1
Main Memory:	4 GB
CPU	Intel Core i5-7500T (2.7GHz)
OS	Windows 10 IoT Enterprise 2019 LTSC