

# Jumong RF



## Innovatory RF remote-controlled system with ultimate digital imaging solution

Optimized workflow in routine and specialized procedures in utmost flexibility of application  
Operational efficiency and premium image acquisition

### SUPERIORITY

Comfortable patient access and increased coverage  
Accurate diagnostic with Digital imaging systems  
Microprocessor controlled unit, with 90°/-25°  
Full automatic spot film device for cassette format up to 14x17"  
User friendly control UI  
Preset for Digital Imaging Systems  
Dose reduction and image enhancement

TILTING  
TABLE

DYNAMIC  
FLAT PANEL  
DETECTOR

RAD  
FLUOROSCOPY

REMOTE  
CONTROLLED

DIGITAL IMAGE  
PROCESSING  
SYSTEM

## System Configuration & Specification

Generator	Type / Power	HF 400kHz 50kW 3Ø 400/480 VAC 50/60Hz ± 10% (option: 65kW, 80kW)
	kV	40-150kV (R) 40-125kV(F)
	mA Range	10-630mA (R) 0.5-10mA (F continuous)
	Tube capacity & Rotor Supply	Low or high Speed standard / 1 Tube Capacity
	Anatomical Program	768 (R) 1024 (F) techniques
	mAs Range (Non AEC)	0.1 – 630 mAs (option: 800 mAs, 1000 mAs)
	Exposure Time	0.001- 6.3 Sec more (R) / max 10 min (F)
	Available Functions	Automatic Exposure Control (AEC), Overload Protection , Auto Brightness Control Self Diagnostic Function , Bucky Selection Switch , Hand Switch
X-Ray Control Console	Type	Membrane console (option: Touch console)
	Film Density Selection	7 step or more
	Available Functions	Fluoro Timer Rest APR Fields Selection
X-ray Tube	Tube Type	Rotating Anode
	Maximum Tube Voltage	150 kV
	Anode Heat Storage Capacity	400 kWh
	Focal spot Size	Small : 0.6 mm / Large : 1.2 mm
X- Ray Collimator	Rectangular Max Opening	max: 40cm x 48cm at SID 100cm min: 1cm x 1cm at SID 100cm
	Available Functions	Motorized Control , Rectangular Two Pairs of Parallel Shutters
Remote Control Console	Available Functions	Table Top Lateral Moving, Table Tilting, Head Down Tilting Switch, Tube Stand Moving, Collimator Control, Compression Cone Control, FFD Selection, Auto Stop Function, Fluoroscopy Exposure Switch, Spot Exposure Switch
Diagnostic Remote Controlled Table	Type / Table Tilting	Motorized Tilting Table Range : -25°-+90° Speed : 4°/sec
	Lateral movement (imaging device)	220mm (Transverse)
	Tabletop dimensions	625mm x 2100mm
	Maximum patient weight	200 kg
	Standard accessories	Shoulder support, Hand bar, Foot step
Dynamic Flat Panel Detector	Image size	17"
	No. Active Pixels / Pixel Size	3072 x 3072
	Active Area	427 x 427 mm
Digital Radiography System (Image Processing Workstation)	Workstation	Table Top Lateral Moving, Table Tilting, Head Down Tilting Switch, Tube Stand Moving, Collimator Control, Compression Cone Control, FFD Selection, Auto Stop Function, Fluoroscopy Exposure Switch, Spot Exposure Switch
	Monitor	Type : 19" LCD or equivalent / Resolution : 1280 x 1024
	Software	Cine Recording & Replay, Magnification, Zoom in & out, Annotation, Shutter, Inversion, Rotation / Flip, Relative Measurement, Auto Windowing, Image Panning Recording Capacity : No limits (depend on HDD capacity of Workstation PC) / Image Storage Capacity : 50,000 images or more DICOM 3.0 (Modality worklist, Print Service, Send ( Storage), MPPS, Storage Commit, Verification)

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