



### ● Features

- Improved image quality & reduced dose by high-frequency x-ray generator
- 4-way tabletop movement
- X-ray Generator Features
  - Superior performance
    - Accuracy:  $kV < \pm(1\%+1kV)$ ,  $mA < \pm(3\%+1mA)$ ,  $Time < \pm(1\%+0.5ms)$ ,  $mAs < \pm(3\%+0.1mAs)$
    - Reproducibility(Coefficient of Variation):  $kV < 0.005$ ,  $Time < 0.005$ ,  $mAs < 0.01$
    - Linearity(Coefficient of Linearity)  $< 0.01$
  - kV calibration, mA Auto calibration, kV & mA waveform display and analysis program
    - quick and easy calibration without external measuring instruments
  - Adaptive mA Calibration
    - automatically calibrates mA drifts due to the filament aging after long term use of the X-ray tube
  - All system setting is done easily in the console by using the graphic LCD
  - Supports easy Firmware Update for future upgrade
  - Displays System Diagnosis, Error Log and Statistical Data
  - Remote Diagnosis Software for system diagnosis via internet connection
    - before service engineer visits the site, the generator problem can be analyzed by the manufacturer and its solution can be devised: reduce service cost and downtime
  - Real-time monitoring self diagnosis and error code display
  - Tube anode HU display & protection, overload & housing overheat protection
  - Anatomical programs (APR)
- Option
  - AEC (Automatic Exposure Control) with Ion-chamber

## ● Specifications

Model	VXR-32	VXR-40
Output Rating	32kW	40kW
Line Nominal, Phase	230VAC, 1Φ	
Line Voltage Range	±10% (Frequency: 50/60Hz)	
kV Range	40~125kV, 1kV step	
mA Range	10 to 400mA	10 to 500mA
Timer Range	0.001 to 10 sec, 38 steps	
mAs Range	0.1 to 500mAs (Optional 640, 800, 1,000mAs)	
Maximum Output	400mA@80kV 320mA@100kV 250mA@125kV	500mA@80kV 400mA@100kV 320mA@125kV
Rotor Supply	Low Speed	
Anatomical Programs	Programmable Max. 1,280 programs	
Technique Selection	4 point display (kV, mA, Time, mAs)	

### X-ray Tube Assembly

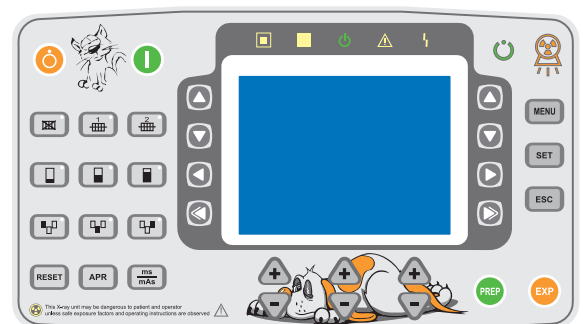
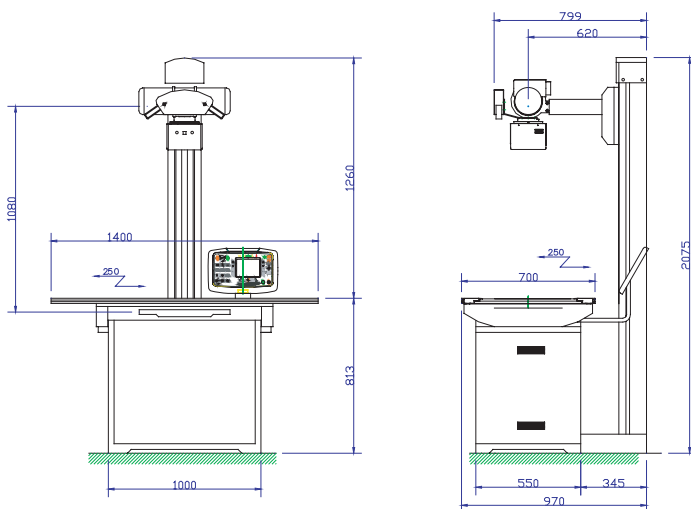
Model / Maker	E7239X / Toshiba	Target Angle	16 degrees
Focal Spot Size	1.0/2.0mm	Max. Tube Voltage	125kV
Max. Anode HU	140kHU (100kJ)	Weight	16kg

### X-ray Collimator

Control	Manual, 30sec. timer	Field Shape	Rectangular
Max. Field Size	>43x43cm/100cmFFD	Max. kV Shield	150kV

### Tube Stand & Table

SID	1,000mm	Tube Rotation Angle	±180°
Tabletop movement	4-way	Bucky Type	Spring Solenoid
Tabletop Lateral Stroke	250(±125)mm	Tabletop Longitudinal Stroke	250(±125)mm
Cassette Tray Stroke	400(±200)mm	Dimensions	2,075(H) x 1,400(W) x 970(D) mm



Contact us! We'll support your needs.

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