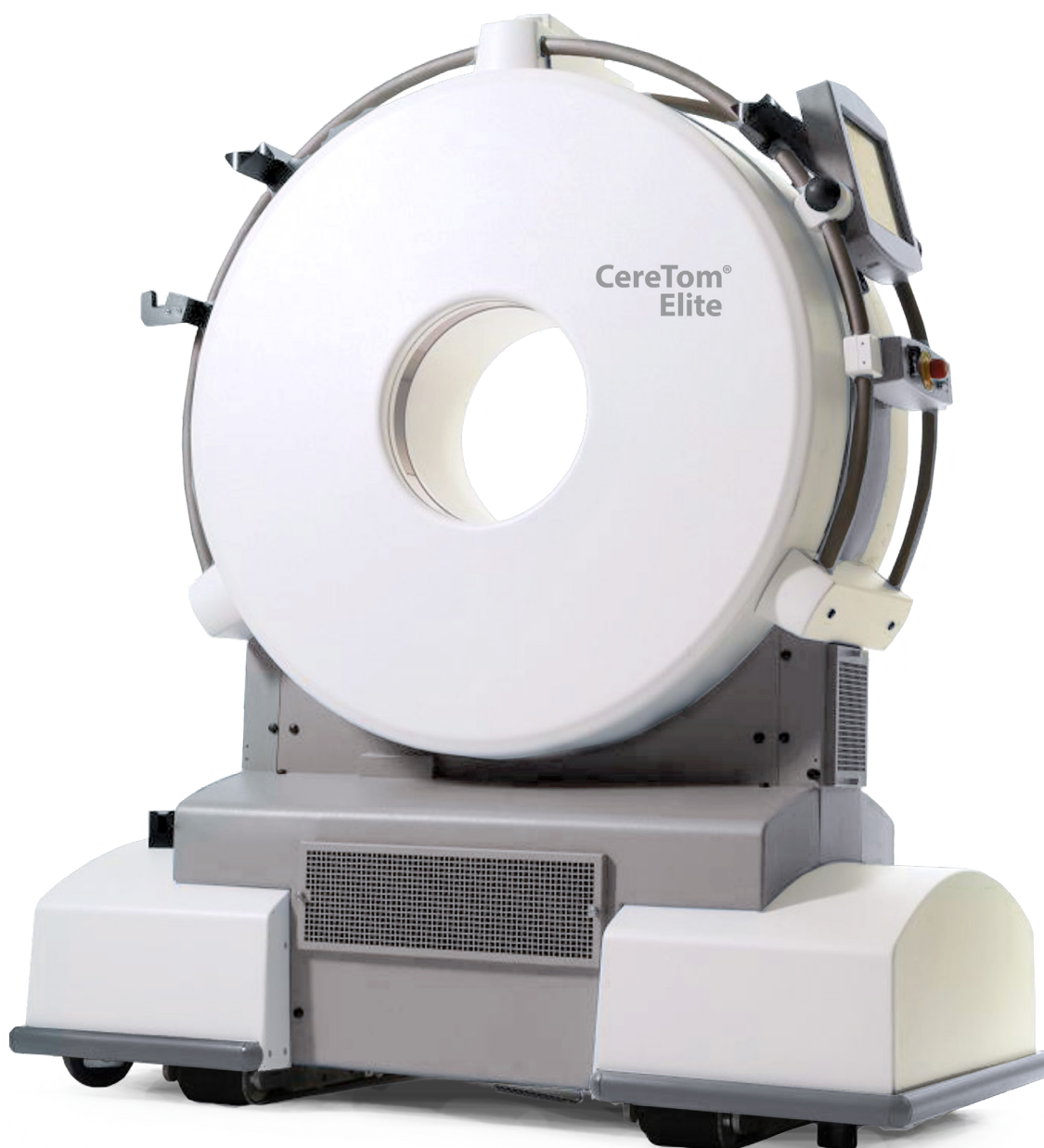


CereTom® Elite

Bringing the power of
imaging to your patients



CereTom® Elite

Installation Requirements

Phase	Single
Voltage	90 - 264 VAC/1300 watts peak
Frequency	47 - 63 Hz
Battery Capacity	Fully Charged - 2 hours (typical)
Typical Usage	110 - 120 V; 60 Hz
Noise	60 dBA (1 meter distance from scanner bore) 65 dBA (scanner bore)

Site Requirements

Operating Temperature	15 °C to 35 °C
Storage Temperature	-25 °C to 70 °C
Operating Altitude	0-3010 m (0-10,000 ft)
Operating Humidity	20 - 80 % non-condensing
Floor Flatness	<+/- 0.120 inch (3 mm) per 10 ft

Geometry

Patient Opening	32 cm
Scanned Image Field of View	25 cm

X-ray Generation

X-ray Tube Voltage	100, 120, 140 kV
X-ray Tube Current	1 - 7 mA
Focal Spot Size	1.0 mm x 1.0 mm
X-ray Tube Type	Fixed Anode

X-ray Detection

Detection System	Solid-state detectors
Main Detector	8 Rows

Axial

Rotation Time	2 sec, 4 sec, 6 sec
Max. Scan Range	640 mm (64 cm)
Coverage	8 x 1.25 mm
Translate Time	1 sec
Number of Slices Per Scan	8

Helical

Rotation Time	1 sec
Max. Scan Range	640 mm (64 cm)
Coverage	8 x 1.25 mm
Max. Scan Time	60 sec
Helical Scan Pitch	1

Dynamic

Rotation Time	1 sec
Scan Range	10 mm (1 cm)
Scan Time	30 - 45 sec
Slice Thickness	10 mm
Scan Results	MTT/CBF/CBV
kV	100 (only)

Image Reconstruction

Reconstruction Matrix	512 x 512
Image Reconstruction Time	1 image/sec

Connectivity

2 GB USB memory stick
Gigabit ethernet/wireless (g)
DICOM 3.1 compliant
Compatible with surgical navigation, HIS, RIS, PACS

Dimensions

Height: 60 in (153 cm)
Length: 52 in (134 cm)
Width: 29 in (73 cm)
Weight 966 lbs (438 kg)



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