System specifications 1/2

MR45 – Siemens Aera 1.5T – Trailer

SYSTEM INFORMATION	
Manufacturer and model	Siemens Magnetom Aera 1.5T TiM + DOT system
Year of manufacture	2021
Gradient type	XJ Gradients
No. of channels	24
MAGNET INFORMATION	
Field strength	1.5T
Frequency	80 MHz
Magnet bore diameter	70 cm.
GRADIENT INFORMATION	
Max. amplitude (Each axis)	33 mT/m, per axis, I.e. 57 mT/m vector
Max. slew rate (Each axis)	125 T/m/s per axis, i.e. 216 T/m/s vector
Max. FOV with max. amplitude	Max. amplitude 33mT/m
RESOLUTION PARAMETERS	
Max. FOV	50 cm.
Min. FOV	0,5 cm.
Max. scan matrix	1024
Max. recon matrix	1024
Min. Slice thickness 2D/3D	0,1 mm/0,05 mm
Highest in-plane resolution	50 × 50 × 45 cm^3 DEV, typ. 3.1 ppm based on the 24-plane
PATIENT TABLE INFORMATION	
Max. table load	250 kg.
Horizontal travel	261 cm.
Table scan range	140 cm.
Min. table height	52 cm.
Positioning pads incl.?	Yes

System specifications 2/2

MR45 – Siemens Aera 1.5T – Trailer

CONSOLE AND WORKSTATION(S)	
Console computer	Syngo Acquisition Workplace
Console software version	Syngo XA30A
Console software packages	Tim Application Suite (Tim CT FastView), Neuro Suite, Angio Suite, Cardiac Suite, Body Suite, Onco Suite, Breast Suite, Ortho Suite, Pediatric Suite, Scentific Suite), Turbo Suite Essential, Susceptibility Weighted, Imaging, Advanced, WARP, Syngo Expert-i
Storage capacity	**Three hard disks:** System SW ≥ 300 GB SAS Data base ≥ 300 GB SAS Images ≥ 300 GB SAS
INJECTOR SYSTEM	
Manufacturer and model	Medrad MRXperion
Model no.	84200085
COILS	
Coils	Body 6ch., Body ch. long, Head/Neck 16ch., Shoulder 16ch. Large, Shoulder 16ch. Small, Hand/Wrist 16ch., Spine 24ch., Tx/Rx Knee 15ch., Foot/Ankle 16ch., Flex Large 4ch., Flex Small 4ch.
CONSUMABLES	

PRODUCT CODE	PRODUCT DECRIPTION	BOX SIZE
XP 65/115VS	Mrxperion dual syringe pack with patient line filling spike	Box 20

Do you want to see how it looks inside the unit?

Take a 3D tour by scanning the QR code below.