

System specifications 1/2

MR25 – Siemens Avanto Tim – Trailer

SYSTEM INFORMATION	
Manufacturer and model	Siemens Avanto
Year of manufacture	2005
Gradient type	Q-engine
No. of channels	18 channel
MAGNET INFORMATION	
Field strength	1.5T
Magnet bore diameter	60 cm.
Straight bore length	150 cm.
GRADIENT INFORMATION	
Max. amplitude (Each axis)	33 mT/m
Effective amplitude	57 mT/m
Max. slew rate (Each axis)	125 T/m/s
Effective slew rate	216 T/m/s
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	11 µm
PATIENT TABLE INFORMATION	
Max. table load	200 kg.
Horizontal travel	2600 mm / 200 mm/s
Min. table height	52 cm.
Table working position	
Positioning pads incl.?	Yes

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CONSOLE AND WORKSTATION(S)	
Console computer	HP Z400 Workstation
Application software version	Syngo MRB19
Console software packages	N4_VB19A_LATEST_20121201 MR_MR038-13-R_n4SecU0022_revB N4_VB19A_LATEST_20121201_P1 N4_VB19A_LATEST_20121201_P5 (SP1)
INJECTOR SYSTEM	
Manufacturer and model	Medrad Spectris Solaris EP
Model no.	3015724
COILS	
	Head Matrix A Tim Neck Matrix A Tim Spine Matrix A Tim Flex Small 4 A Tim Flex Large 4ch. Interface 4ch. Body Matrix A Tim Shoulder Array Set Shoulder Array Large Shoulder Array Small High Resolution Knee Array 8ch.