

# System specifications 1/2

## MR35 – Siemens Aera 1.5T – Relocatable

<b>SYSTEM INFORMATION</b>	
Manufacturer and model	Siemens Magnetom Aera 1.5T
Year of manufacture	2015
Gradient type	XJ Gradients
No. of channels	24
<b>MAGNET INFORMATION</b>	
Field strength	1.5T
Frequency	63.86 MHz
Magnet bore diameter	70 cm.
<b>GRADIENT INFORMATION</b>	
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
<b>RESOLUTION PARAMETERS</b>	
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
<b>PATIENT TABLE INFORMATION</b>	
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

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<p><b>CONSOLE AND WORKSTATION(S)</b></p> <p>Console computer</p> <p>Console software version</p> <p>Console software packages</p> <p>Storage capacity</p>	<p>Syngo Workstation - Z420</p> <p>Syngo VE11B</p> <p>Tim Application Suite, Angio Suite, Cardiac Suite, Neuro Suite, Body Suite, Onco Suite, Ortho Suite, Quiet Suite, Breast Suite, Scientific Suite, Syngo General License, 3D Usage License, 3D MPR (Volume of Interest), 3D MIP, 3D SSD, Argus Viewer, Worklist, PheonixZIP, Optimized Protocols for EC, Syngo Remote Assist, CISS &amp; DESS, TimCT Fast View, iPAT Extensions, Motion Correction NR, Image Filter Software, MPPS, Inline 3D Distortion Correction, 3D Distortion Correction, MDDW, Morpho Quality Control, Inline Diffusion, BLADE, TGSE, Dot Engine Basic, Brain Dot Engine, AutoAlign Head LS, Composing, Inline Perfusion, Inline Composing, Tissue Motion Correction, Tim Planning Suite, TWIST, Native, AutoAlign Knee, Syngo BreVis Biopsy, Knee Dot Engine, Neuro Perfusion Local AIF, Additional option: Channel_24, Spine Dot Engine, Hip Dot Engine, Shoulder Dot Engine, AutoAlign Spine LS, AutoAlign Spine Labeling and Numbering, AutoAlign Shoulder, AutoAlign Hip, RESOLVE, Advanced WRAP, Fast Dixon,</p> <p><b>Three hard disks:</b>            System SW ≥ 300 GB SAS            Data base ≥ 300 GB SAS            Images ≥ 300 GB SAS</p>
<p><b>INJECTOR SYSTEM</b></p> <p>Manufacturer and model</p> <p>Model no.</p>	<p>Medrad Spectris Solaris EP</p> <p>58746812</p>
<p><b>COILS</b></p> <p>Coils</p>	<p>Body, Body 6ch., Head/Neck 16ch., Shoulder Large 16ch., Shoulder Small 16ch., 4ch BI Breast head Nor, Breast 18Ch. head, Spine 24ch., TxRx Knee 15ch. QED, FootAnkle 16ch., Flex Small 4ch., Flex Large 4ch., TxRx CP Extremity</p>