

# System specifications 1/2

## MR23 – Philips Ingenia 1.5T - Relocatable

<b>SYSTEM INFORMATION</b>	
Manufacturer and model	Philips Ingenia S 1.5T / Digital
Year of manufacture	2019
Gradient type	Solid state - Omega Gradient R5
<b>MAGNET INFORMATION</b>	
Field strength	1.5T
Magnet bore diameter	70 cm.
Frequency	63,86 MHz
<b>GRADIENT INFORMATION</b>	
Max. amplitude (Each axis)	33 mT/m (57 mT/m effective)
Max. slew rate (each axis)	120 mT/m/ms (208 mT/m/ms effective)
Max. FOV with max. amplitude	55 cm.
<b>RESOLUTION PARAMETERS</b>	
Max. FOV	55 cm.
Min. FOV	0,5 cm.
Max. scan matrix	1024
Max. recon matrix	1024
Min. Slice thickness 2D/3D	5 µm
Highest in-plane resolution	1024
<b>PATIENT TABLE INFORMATION</b>	
Max. table load	250 kg. (550 lbs)
Table scan range	200 cm.
Horizontal travel	275 cm. with +/- 0,5 mm accuracy
Min. table height	59 cm.
Positioning pads incl.?	Yes
Horizontal travel speed	Up to 325 mm/s
<b>INJECTOR SYSTEM</b>	
Manufacturer and model	Medrad Spectris Solaris EP
Model no.	3012011

# System specifications 2/2

## MR23 – Philips Ingenia 1.5T - Relocatable

<p><b>CONSOLE AND WORKSTATION(S)</b></p>	
<p>Console computer</p>	<p>Host: 32GB host memory. 128GB system disk. 512GB main image database disk (Approx. &gt;=600,000 images 256 x 256 image solution). 23-inch LCD wide-screen monitor enabling large overview. LCD wide screen resolution: 1920 x 1200. Microsoft Windows ® OS 64 bits. External storage via USB port 10Base10, 100BaseT or 1000BaseT connection</p> <p>Recon: Fast reconstruction of demanding imaging techniques (interactive real-time, dS-SENSE, high resolution and high coil receiver count). &gt;= 27000 images per second (256 x 256 reconstructions) &gt;= 56000 recons/sec (256 FFT, 100% FOV) &gt;= 32 GB reconstruction memory (RAM)</p>
<p>Console software version</p>	<p>Digital</p>
<p>Console software packages</p>	<p><b>R5 system software</b> Basic SW, IHE Workflow, 2D-VCG, High SENSE factors, Extended FOV, Keyhole, DWI, Thrive, Q-flow, Contrast enh. Perf., Moving bed ima., Adv. Moving bed ima., Adv. Peripheral angio, Black blood perpulse, Multivane, Retrospective, 3 Point Planscan, Rescan, Diffusion calc., Multi station view.</p> <p><b>Premium IQ Pack – NMRF132</b> Scantools Plus, Neuro Plus, MSK Plus, Body Plus, Breast Plus, Cardiac Plus, MRA Plus, mDIXON XD FFE Specialist, mDIXON XD TSE Specialist, MultiVane CD, Whole Body Specialist, O-MAR Specialist, ComforTone, AutoVoice, SmartExam Brain, SmartExam Breast, SmartExam Knee, SmartExam Shoulder, SmartExam Spine</p> <p>ScanWise Implant – NMRF067 Compressed SENSE Pack – NMRF206 Patient observation monitor – NMRA113 Patient observation camera – NMRA114 PDU for wireless physiology – NMRB175 DVD-PC – NMRB588 dS Positioning pack – NMRB673 FlexTilt – FMR0340 In-bore Connect enabled – NMRF024</p>
<p><b>COILS</b></p>	
<p>Coils</p>	<p>dStream Foot/Ankle 8ch. dStream Knee 8ch. dStream Small Extremity. 8ch. dStream Flex Medium</p>
<p>Integrated Coils</p>	<p>dStream Total Spine dStream Head/Neck/Spine dStream Torso dStream Flex Medium</p>