

# System specifications 1/2

## MR38 – Philips Ingenia 1.5T - Relocatable

<b>SYSTEM INFORMATION</b>	
Manufacturer and model	Philips Ingenia 1.5T
Year of manufacture	2010
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	140 cm. (200 cm. w. WholeBody Specialist)
Horizontal travel	275 cm.
Min. table height	59 cm.
Positioning pads incl.?	Yes
Horizontal travel speed	up to 325mm/s.

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<b>CONSOLE AND WORKSTATION(S)</b>		
Console computer	74G4	
Storage capacity	512 GB SSD or 600,000 images (256 x 256)	
Console software version	Rel. 5.7.1.0	
Console software package	3D msk view, 3D body view, 3D brain view, 3D breast view, 3D pelvis view, 3D spine view, Comfortone (acoustic noise reduction s/w), Contrast cards, Contrast enh. perfusion, Cardiac triggered inversion recovery, Fibertrak specialist, Mdxon mra, Mdxon xd ffemstation, Mdxon xd ffe specialist, Mdxon xd tse specialist, Ddas, Hwpar – ddas, Fibertrak specialist, Multivanexd, Reconexcel, Scantools pro, Scanwise implant, Stationary system, wholebody specialist, Moving bed ima., Adv peripheral angio, T1 perfusion, Q.flow, q.flow analysis, Whole body, Advanced epi, Black blood prepulse, Extended fov, 2D.vcg, Msm, Thrive, Dti, Dft, Dwi, Grase, Split exam, Perfusion calc., Retrospective, Advanced moving bed imaging, Prosp. motion corr., Tse optimized refocusing cont, High sense factors, Tse optimized refocusing cont, Diffusion calculaion, Multi station view, High end recon, Multivane, Multivane xd, Keyhole'	
<b>INJECTOR SYSTEM</b>		
Manufacturer and model	Medrad MRXperion	
Model no.	84200085	
<b>COILS</b>		
Coils	dStream Head/Neck Coil dStream Shoulder dStream Wrist Coil 8ch dStream Foot Ankle Coil 8ch 2x dStream Flex Medium dStream Small Extremity	
Integrated Coils	dStream T/R System Body (in magnet bore) FlexCoverage Posterior (in patient table)	
<b>CONSUMABLES</b>		
<b>PRODUCT CODE</b>	<b>PRODUCT DESCRIPTION</b>	<b>BOX SIZE</b>
XP 65/115VS	Mrxperion dual syringe pack with patient line filling spike	Box 20