

# M-Series

Compact MRI Systems for  
Pre-clinical Imaging

PRODUCT SPECIFICATION:



Parameter \ System	M3	M7
<b>Front End (Magnet + Stand)</b>		
Dimensions (Height x Width x Depth)	1080 x 734 x 734 mm	1320 x 790 x 950 mm
Weight	650 Kg / 1430 lbs	1550 Kg / 3415 lbs
Magnet Opening		
Flange Insertion Diameter	70 mm	97 mm
Inner Bore (Height x Width)	50 x 130 mm	220 x 90 mm
Imaging Volume	80 x 80 x 35 mm <sup>3</sup> spheroid	120 x 120 x 70 mm <sup>3</sup> spheroid
B <sub>0</sub> (Tesla)	1 T	1 T
<b>Back End (Electronics Cabinet)</b>		
Dimensions (Height x Width x Depth)	1765 x 600 x 1150 mm	
Weight	300 Kg / 660 lbs	
<b>Gradients</b>		
Strength	440 (X,Y), 540 (Z) mT/m @ 60A	150 (X, Y, Z) mT/m @ 50 A
Linearity (for entire imaging volume)	better than 4%	better than 6.5%
Slew rate (T/m/s)	1750 T/m/s @60A/250us	750 T/m/s @50A/200us
<b>Electrical Requirements</b>		
220-240 VAC, 15 A, single phase in countries using 220-240V 208 VAC, 15 A, single phase in countries using 120V		