

# M-Series

Compact MRI Systems for Pre-clinical Imaging

PRODUCT SPECIFICATION



System	M3	M5	M7
<b>Front End (Magnet &amp; Stand)</b>			
<b>Dimensions (Height x Width x Depth)</b>	1080 x 734 x 734 mm	1133 X 800 x 800 mm	1320 x 790 x 950 mm
<b>Weight</b>	650 Kg / 1430 lbs	950 Kg / 2095 lbs	1550 Kg / 3415 lbs
<b>Magnet Opening</b> Flange Insertion Dimeter Inner Bore (Height x Width)	70 mm 50 x 130 mm	No insertion flange in M5(the bore is open) 76 x 200 mm	97 mm 220 x 90 mm
<b>Imaging Volume</b>	80 x 80 x 35 mm <sup>3</sup> spheroid	90 x 90 x 60 mm <sup>3</sup> spheroid	120 x 120 x 70 mm <sup>3</sup> spheroid
<b>B<sub>0</sub> (Tesla)</b>	1 T	1 T	1 T
<b>Back End (Electronics Cabinet)</b>			
<b>Dimensions</b>	1760 x 600 x 1150 mm		
<b>Weight</b>	300Kg / 660 lbs		
<b>Gradients</b>			
<b>Strength</b>	440 (X, Y), 540 (Z) mT/m @ 60 A	430 (X, Y, Z) mT/m @ 60 A	150 (X, Y, Z) mT/m @ 50 A
<b>Linearity (for entire imaging volume)</b>	better than 4%	better than 5%	better than 6.5%
<b>Slew rate (T/m/s)</b>	1750 T/m/s @ 60 A / 250 us	1720 T/m/s @60A/250 us	750 T/m/s @ 50 A / 200 us
<b>Electrical Requirements</b>			
220-240 VAC, 15A, single phase in countries using 220-240V 208 VAC, 15A, single phase in countries using 120V			