Components		Model number	Vendor
1 Magnet	2 samarium-cobalt magnet plates (Sm_2Co_{17} 22LTC)		Custom-made (see designs at the public repository https://github.com/bispmri/Ultra-low-field-MRI-Scanner)
	Yoke (pure iron)		
	2 pole pieces (pure iron)		
	2 anti-eddy current plates (silicon steel, DW310-35)		
	2 shim rings (low carbon steel Q235)		
1 RF transmission subsystem	1 RF transmission coil		Custom-made
	1 RF amplifier	X-PA2 (32MHz 1000W)	Xinpin Telecom Technology Company, Shenzhen, China
	1 Linear power supply for RF amplifier	4INC-X288 (48V 6A)	Xinlian Zhiyuan Technology Company, Beijing, China
1 Gradient subsystem	1 Gx/Gy/Gz gradient coil set		Custom-made
	1 Gradient amplifier	GA-150 (100V/75A)	Performance Controller Inc., USA
	1 Switch-mode DC power supply for gradient amplifier	HCP1024B (1500W/ 20 A/150 V)	Henghui, Shenzhen, China (http://www.sz-hhy.com/)
1 RF Receiving subsystem	1 Solenoid receiving coil		Custom-made
	1 Two-stage preamplifier module	XP-LNA2.3MHz	

	1 12-channel front-end box		
1 Console	1 controller board	EVO, MR3600	MR Solution, England, UK (https://www.mrsolutions.com/)
	1 transmit board	EVO, MR3610	
	4 RF receiver boards (4 channels per board)	EVO, MR3620	
10 EMI Sensing coils	10 Copper wire resonance sensing coils (with identical resonance frequency)		Custom-made
1 3D printed head holder	1 circular plate made of polylactic acid (PLA)	3D printer (Flashforge Creator Pro)	
1 Planar patient bed	1 manually moving acrylic plate		Custom-made
1 Aluminum enclosure	1 fully enclosed RF cage for experimental comparison only		
1 Low-cost digital oscilloscope	1 4-channel digital oscilloscope to monitor gradient/rf wavefroms	Hantek6204BC (Bandwith of 200 MHz, Sample rate of 1 GSa/s)	Hantek (http://www.hantek.com/)
1 Computer with a display monitor	1 Quadro RTX 8000 GPU, 1 Intel Core i9-10900X CPU and Ubuntu 18.04.5 LTS (Linux 5.4.0-77-generic)	PRIME X299-A II and DELA0B9 DELL U2415 (24.1 inch)	ASUS (https://www.asus.com.cn/); DELL (https://www.dell.com/zh-cn)