

## GE Signa profile excite - Specifications

MODEL	GE Healthcare Profile Excite
MAGNET	Permanent 0.2 Tesla
Bore	120 x 44cm
MAGNET WEIGHT	10,000 kg (22,000 lbs) w/ gradient enclosure
Magnet Dimensions	147 x 214 x 193 cm
POWER CONSUMPTION	200 - 480, 3-phase
COOLING SYSTEM	None
Required Strength:	15 mT/m 5-GAUSS
Fringe Field	1.7m/ 1.7m
CLINICAL APPLICATION	Whole Body
CONFIGURATION	Open MRI
SPECTROSCOPY	No
SYNCHRONIZATION	Standard cardiac gating, ECG/peripheral, respiratory gating
Pulse Sequences	SE, IR, 2D/3D GRE and SPGR,
Angiography	2D/3D TOF, 2D/3D phase contrast; 2D/3D FSE, 2D/3D FRFSE, FGRE and FSPGR, SSFP, FLAIR, EPI
Pulse Sequences	2D/3D Fiesta, fat/water separation, T1 FLAIR
IMAGING MODES	Localizer, single slice, multislice, volume, fast, POMP, multi slab, cine, slice and frequency zip, extended dynamic range, tailored RF TR: 6 to 12000 msec in increments of 1 msec TE: 1.3 to 2000 msec in increments of 1 msec
Single/ Multi Slice	Simultaneous scan and reconstruction; 80 images/second reconstruction
FOV	3cm to 40 cm continuous
Slice Thickness	2D: 2.7mm - 20mm 3D: 0.2mm - 5mm
Display matrix	1280 x 1024
Measuring matrix	128 x 512 steps 32 phase/freq.
Pixel intensity	256 gray levels
Spatial resolution	0.08mm; 0.02mm optional