GE Signa Profile 0.2T Open MRI Features

- Open, patient-friendly design
- High homogeneity
- Easy siting with single cabinet configuration
- Real-time Interactive Ready
- Open design head coil with mirror
- Full range of coils and clinical applications
- EXCITE technology

GE Signa Ovation 0.35T Technical Specifications (Tech Specs)

- **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 Requirements:** 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 (Standard):** 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 (Optional):** 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
**GE Signa Profile 0.2T Surface Coils**

Integrated transmit body coil, body flex sizes: M, L, XL, quadrature, head coil quadrature, 4 channel neurovascular array, 8 channel CTL array, quad. c-spine, 2 channel shoulder array, extremity coil, 3 channel wrist array, 4 channel breast array, 6 & 9 & 11 inch general purpose loop coils.