

GoldSeal™ Revolution™ EVO HD

The GoldSeal Revolution HD is the first head and whole body high definition imaging CT scanner. Major sub-systems of the scanner have been re-engineered to help improve imaging performance and reduce the radiation dose required for diagnostic studies.

High definition image quality requires innovation throughout the image chain. With technologies and features that have set new benchmarks for image clarity, Revolution HD enables diagnostic confidence for a wide range of clinical applications. Spatial and temporal resolution, signal-to-noise ratio, low-contrast detectability and artifact reduction are all fundamental to CT image quality.

With this system, you can also easily upgrade to cutting-edge applications in oncology, cardiology and neurology — including applications such as Gemstone Spectral Imaging that take you beyond anatomical analysis to quantitative tissue characterization and advanced functional imaging.

The Revolution HD EX configuration includes the following standard configuration:

Power/generator

- Performix™ HD 8 Mhu X-ray tube
- 100 kW generator
- 10 mA to 835 mA capacity at 5 mA increments
- 80, 100, 120, 140 kVp
- Exclusive V-Res™ detector technology providing 40 mm of coverage

Table/gantry

- 1700 mm or 2000 mm table travel
- 500 lb table weight limit (675 lb for heavy table)
- 70 cm aperture
- VariSpeed 0.35 second to 1 second
- Remote tilt ± 30 degrees



Image chain

- ASiR-V™ radiation dose reduction technology
- 64 channel, 64-slice per rotation
- 0.35 second rotation
- 0.625 mm thin slice images
- 128i overlap reconstruction
- ConnectPro HIS/RIS software key

Image analysis

- ASiR-V SW key
- mA profile Nuero filter SW option
- Auto filter and Transfer SW option
- Data export option SW key

- VCT 64-Slice option SW key
- Large image series, Linux
- AUTO MA option key, Linux
- Xstream recon option
- Interchange option SW key
- DMPR option SW key
- ConnectPro option SW key
- VCT Hi-Power SW option key
- Exam split option SW key
- High Pitch Helical 1.53 SW key
- Organ Dose Modulation SW key
- Image check SW key
- Dynamic transition SW Key
- SmartPrep™ option
- Dynamic Z-axis tracking option
- AWE connection collector SW key
- kV_Assist collector with rating Platep
- Overlapped axial
- SnapShot Assist temporal enhance
- CardIQ SnapShot
- SnapShot Pulse CardIQ-SnapShot-Cine
- SmartScore PRO LINUX
- Cardiac enhancement filter
- Noise reduction filter
- 0.35 second rotation SW opt
- Sub-0.4-second-scan
- SnapShot Assist
- ECG trace EKG viewer
- HI resolution option
- Volumeshuttle
- Axial shuttle

Hardware

- Frontier 2.0 open console
- VCT QA Phantom — 185 mm wide
- Global scan control box
- EIZO LCD monitors, black

- Hde IV Shp collector
- Rear cable cover
- Granite CVR kit
- GT base cover collector, granite
- Axial head holder-RoHS
- Cradle extender-RoHS
- Body straps
- Levering adjust positioning GT
- Levering PAD positioning GT
- CJ chair
- CT desk
- CT footswitch slicker
- Table tray IV pole
- Bar code reader USB
- CT table slicker with cushion
- VT table protection pad
- Cardiac cable kit for IPC, ivy 3150-B, ivy 7800
- HDe6 long cable set
- English KYBD kit GSCB

Available training

- Onsite clinical applications training
- 1st year Revolution CT training is mandatory with every purchase
- TiP™ Virtual Assist remote training

Warranty

Includes one year warranty for tube and system.

NEMA XR 29-2013 standard

This product is compliant with the NEMA XR 29-2013 standard.

Contact us

GoldSeal systems are quoted subject to availability. To confirm current availability of systems or additional options in your region, contact your GE HealthCare representative. Your access to quality medical imaging is our priority. Get the most for your budget by choosing GoldSeal today. If it meets our standards, we know it will meet yours.

Learn more at www.gehealthcare.com/goldseal

Good Refurbishment Practice

The GE HealthCare GoldSeal process is consistent with Good Refurbishment Practices (GRP) for medical imaging equipment established by the International Electrotechnical Commission (IEC). The IEC / PAS 63077:2016(E) describes and defines the process of refurbishment of used medical imaging equipment and applies to the restoring of used medical imaging equipment to a condition of safety and effectiveness comparable to that of new equipment.