

# GoldSeal™ Revolution™ EVO EX

GoldSeal Revolution EVO is designed to support the widest variety of patients and applications, from complex trauma or cardiac cases to large patient backlogs in busy emergency departments that strain workflows and resources.

The design of Revolution EVO is made for institutions that are unable to sacrifice advanced capabilities such as high resolution for daily productivity. It is well suited for those who need to provide the lowest dose possible. And it provides options to expand your referral physician base and the services you provide to your community.

Revolution EVO is designed for you.



## Gantry

- 40 mm detector with 2D collimator to reduce scatter noise
- Up to 0.28 mm spatial resolution
- Aperture 70 cm
- Maximum scan field-of-view 50 cm
- Rotation time 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1 and 2 second (0.35 sec optional)
- Tilt  $\pm 30$  degrees
- 64-slices
- Up to 0.4 second rotation speed
- Xstream Gantry user interface for improved productivity
- One-stop scanning — set up exams at the patient's side
- Default patient positioning

## X-ray Tube: Performix Pro VCT 100

- Performix™ 40 Plus x-ray tube with liquid metal bearing
- 560 mA max, 72 kW high-performance generator
- Tube Performix 40 Plus
- Tube current range 10–560 mA in 5 mA increments
- Tube voltage range 80, 100, 120, 140 kV
- Tube anode heat storage capacity 7.0 MHU | 39 MHU equivalent with ASiR™-V1 (ASiR-V optional)
- Bearing Liquid metal for extended operational life

## Patient table options

- VT2000 table with 500 lb (227 kg) weight limit
- VT2000x table with 675 lb (306 kg) weight limit
- VT1700v table with 500 lb (227 kg) weight limit

## Imaging Chain

- Xstream operator console with two 19-inch high resolution LCD's
- Revolution EVO Xstream interface for personalized patient care Standard Smart Dose technologies
- ASiR iterative reconstruction (ASiR-V optional)
- XR 25 and XR 29 compliant
- Organ dose modulation
- 3D mA modulation with SmartmA and Automa
- ECG dose modulation with optional cardiac acquisition

- Dynamic Z-axis tracking
- Dose Check based on XR 25 standards
- DICOM Radiation Dose Structured Report
- SmartBeam™
- CT 4Kids and Color Coding for Kids
- Image Check: Real-time reconstruction, up to 55 images are reconstructed and available per second
- 10 prospective multiple reconstructions
- In room start
- Up to 153 mm per second coverage with IQE pitch-boosting technology
- Direct MPR (multi-planar reformatting)
- Maximum power 72 kW

#### **DICOM 3.0 Network – Advantage Net – InSite Point-to-Point – TCP/IP (for System Administration)**

DICOM Conformance Standards: DICOM 3.0 Storage Service Class – Service Class User (SCU) for image send – Service Class Provider (SCP) for receive – DICOM 3.0 Query/Retrieve Service Class – DICOM 3.0 MOD Media Service Class – DICOM 3.0 Storage Commitment Class Push – DICOM 3.0 Modality Worklist (incl: Performed Procedure Step) (through ConnectPro) – DICOM 3.0 Print

#### **Available training**

- Onsite clinical applications training
- TiP™ Virtual Assist remote training

#### **Warranty**

Includes one year warranty.

#### **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](http://www.gehealthcare.com/goldseal)

#### **Good Refurbishment Practice**

The GoldSeal program is consistent with Good Refurbishment Practice (GRP) established by leading industry trade associations such as MITA (Medical Imaging & Technology Alliance) a division of NEMA (National Electrical Manufacturers Association), COCIR (European Coordination Committee of the Radiological, Electromedical and Healthcare IT Industry) and JIRA (Japan Industries Association of Radiological Systems).