**Vista™** is a fast cone beam optical CT scanner designed for **True 3D Dosimetry**.

**Vista™** is used for on-site or remote scanning of 3D dosimeters including ClearView™ and TrueView™. The Vista™ Optical CT Scanner includes software for acquisition, reconstruction, and display of 3D optical CT images. Images from Vista™ are analyzed in VistaAce™ software as well as a variety of 3rd party software applications.

Vista™ makes use of a new convergent light source design which has been shown to reduce stray light and improve the accuracy and precision of optical CT measurements(1).

The Vista™ Optical CT Scanner is designed to work with radiochromic dosimeters which have an absorption peak at 590 nm or 633 nm. Different wavelengths are available on request for different dosimeters and for different applications.

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Vista™ optical CT scanner is available in two sizes. Vista™ 16 can scan radiochromic dosimeters up to 15 cm diameter by 12 cm long. Vista™ 8 can scan up to 7 cm diameter by 7.5 cm long.

**SPECIFICATIONS**

- Aquarium: Glass/Aluminum
- Region of interest dimensions:
  - Vista 16 up to 15 cm diameter x 12 cm long
  - Vista 8 up to 7 cm diameter x 7.5 cm long
- Enclosure (Height includes cabinet containing motor):
  - Vista 16 measures 35 cm x 165 cm x 48 cm (WxLxH)
  - Vista 8 measures 24 cm x 130 cm x 34 cm (WxLxH)
- Electrical – 24V DC, 2.1A ; 120 – 240 V AC medical grade switching power supply provided

**MINIMUM TECHNICAL REQUIREMENTS**

- **Operating System:** Windows 7, 10
- **Processor:** i7, 2 GHz or better
- **RAM:** 4GB or more
- **Graphics Card:** 512 MB or better with OpenGL 2.1
- **Peripheral Connectivity:** USB 3.0

**ORDERING INFORMATION**

100-2015 Vista™ Optical CT Scanner System Includes:

- Scanner
- Software
- User's Guide
- Aquarium
- Wavelength 530 nm
- R16-10 cm Rotary Stage
- R16-15 cm Rotary Stage
- 5 Polyethylene terephthalate jars (15 cm)

**ACCESSORIES**

- 500-1015 Additional Aquarium 15 cm
- 500-1062 R16-10 cm Rotary Stage
- 500-1064 R16 Dovetail
- 500-1280 8 cm PET Jar with Lid box of 32
- 500-1282 10 cm PET Jar with Lid box of 60
- 500-1284 15 cm PET Jar with Lid box of 18

**OPTIONAL SOFTWARE**

- 500-XXXX VistaAce™ 3D Dosimetry Software

**OPTIONAL SOFTWARE**

For customers using the Vista™ Optical CT scanner, VistaAce™ 3D Dosimetry Software is available to analyze, compare and evaluate dose measurements in True 3D. It includes a full suite of tools for the registration and dose scaling of measured and planned dose distributions plus the calculation of conformity indices and gamma maps in 3D.