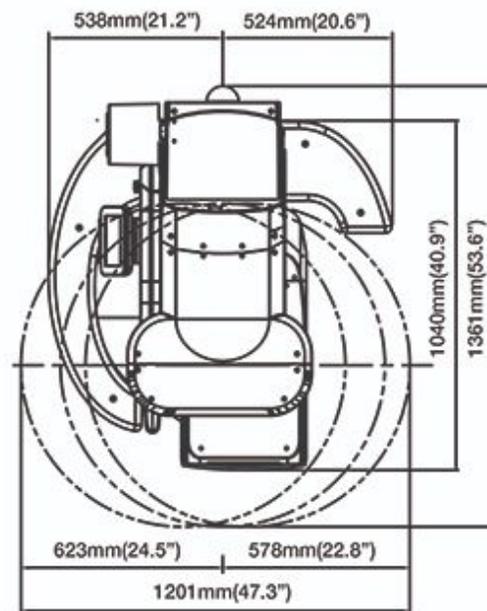
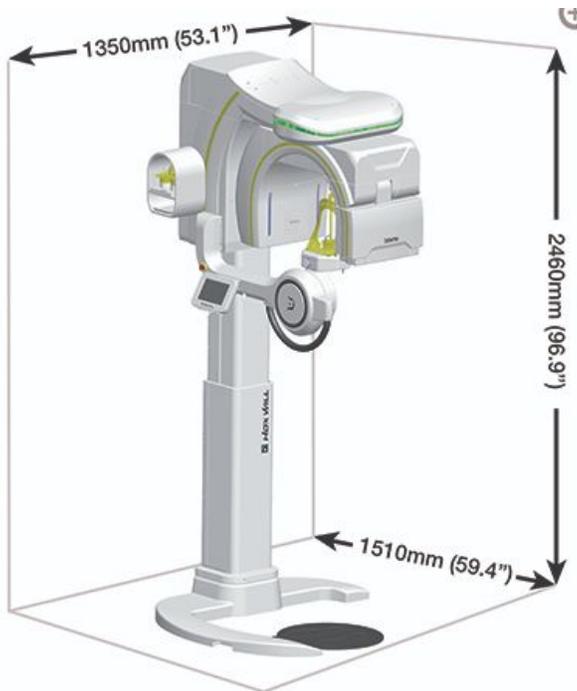


DENTRI alpha CBCT Space & Electrical Requirements

- **Shielding Requirement**
 - Please check shielding requirements for you installation location. Shielding may be required by either city, country, state, or federal regulations. **Shielding plans normally have to be submitted and approved BEFORE installation of the scanner.**

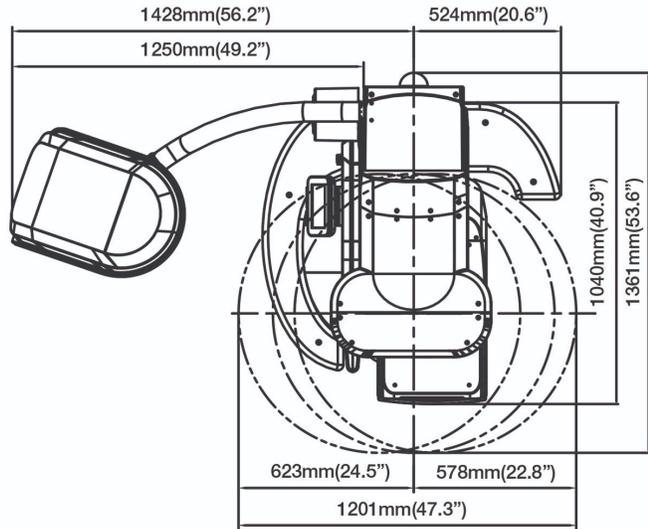
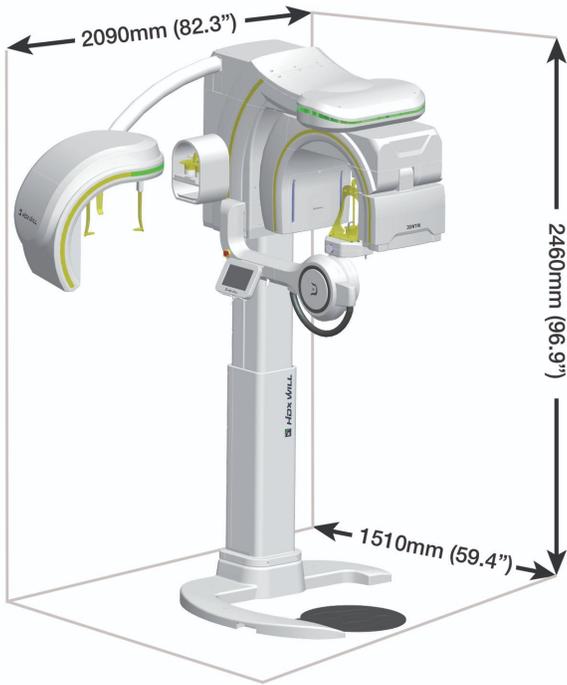
- **Minimum CBCT Installation Area Requirements**
 - Minimum ceiling height for full extension: 2.46 m (8 ft-1 in)
 - Please note where patient must walk in order to enter machine, making sure there is a clear pathway. Wheelchair access requires 32 inches at a point and 36 inches continuously, with 60 inches minimum for 90 degree turns. (From Appendix A to Part 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities)
 - Recommended minimum operating clearance distances by model are shown below.

Dentri alpha

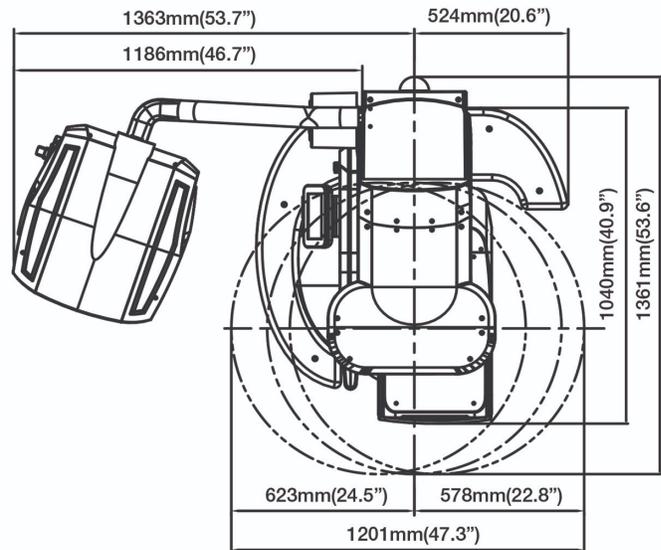
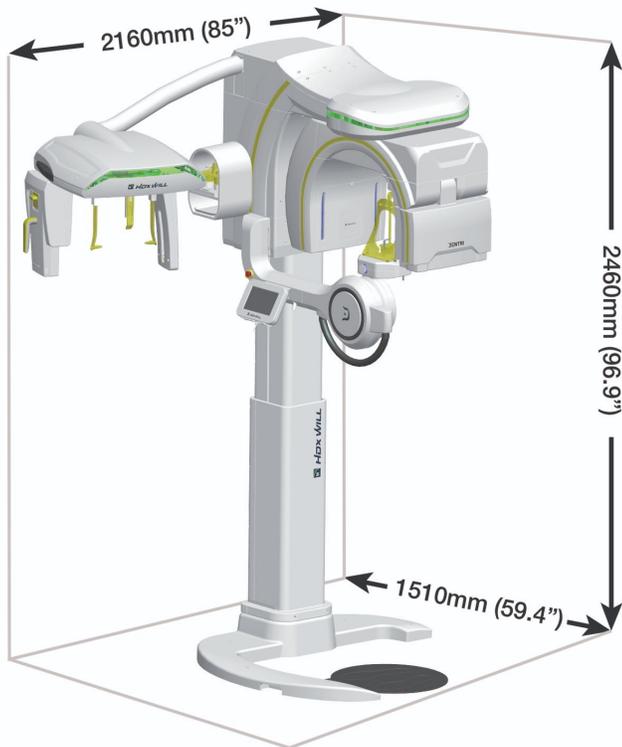


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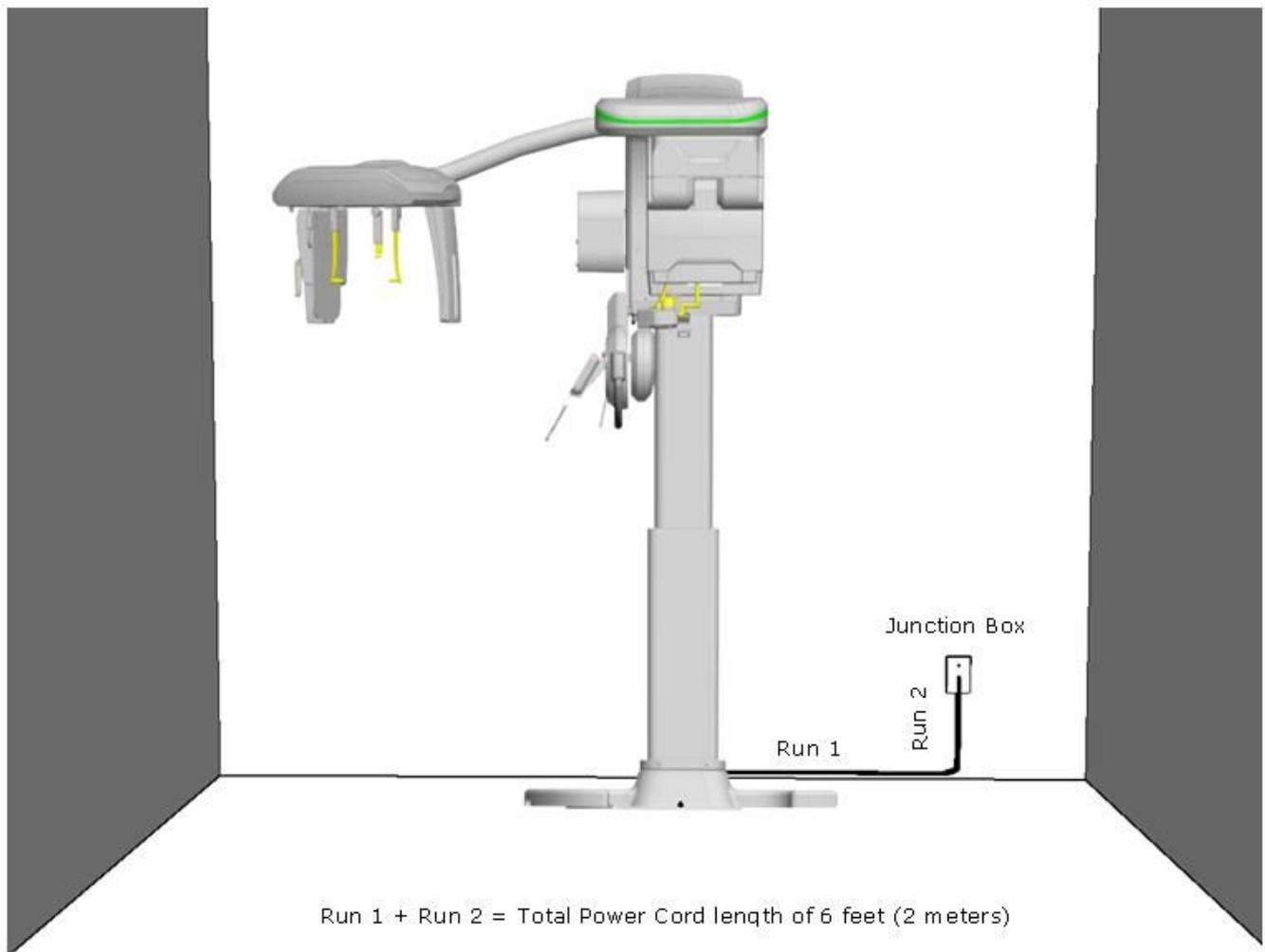
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DENTRI alpha CBCT Space & Electrical Requirements

- **Electrical**

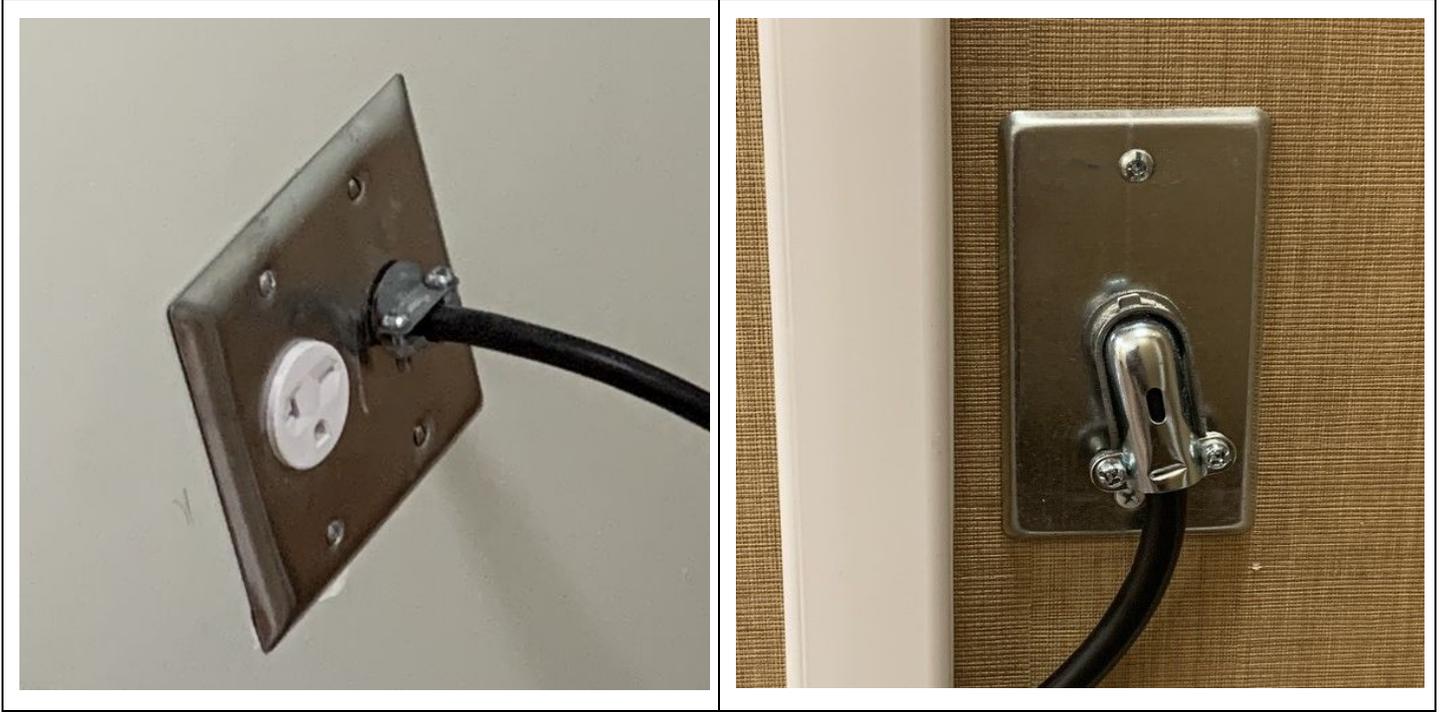
- **You are responsible for following all applicable electrical codes for your location.**
- CBCT requires a DEDICATED power circuit (No other equipment connected to outlet)
 - Line Voltage/Amp: 120V / 20A or 240V / 10A (Please verify which voltage is required for the model you are purchasing)
 - Max Power: 2 kVA
 - Surge protection for your breaker box is recommended, but not required.
- The junction box needs to be properly placed and ready at the time of installation. Power is required to setup your scanner. The installation team can make the connection to the junction box for setup and testing purposes, **but a LICENSED electrician has to make final inspection of the connection. Failure to have this temporary connection inspected and verified by a licensed electrician can create legal liabilities and void any insurance related to the wiring.**
- A flexible Power Cord is supplied with the scanner. There is approximately 6 feet (2 meters) of useable Power Cord Length for the power connection to the junction box. Please plan accordingly.

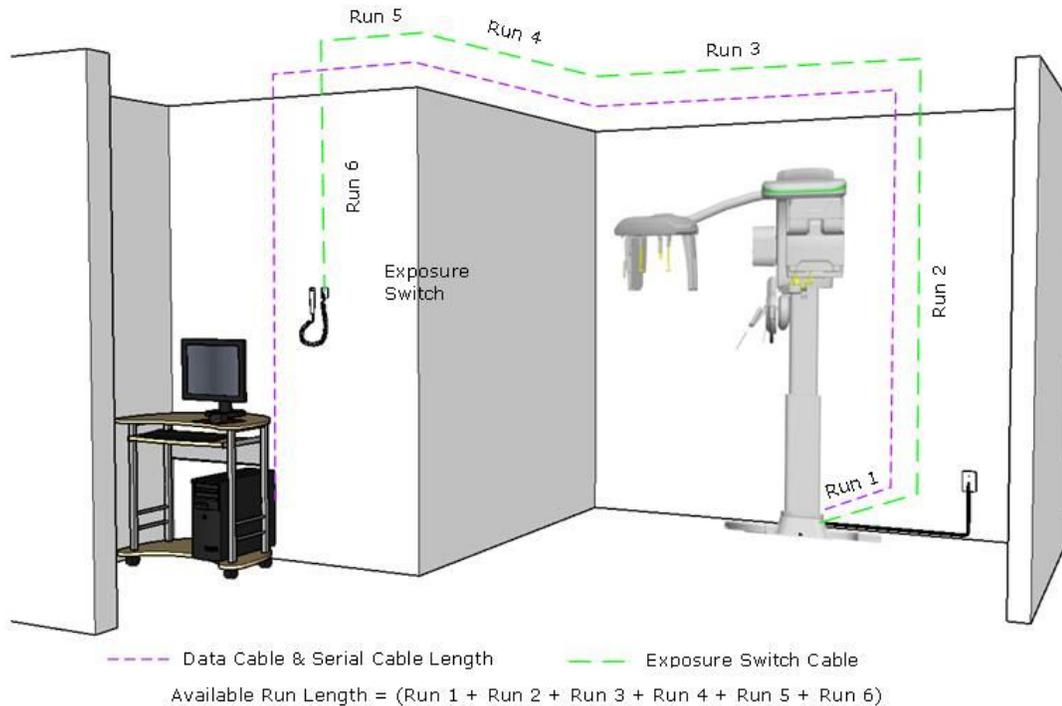


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- Current FDA requirements are to hardwire the supplied $\frac{3}{8}$ " flexible power cable from the scanner into a junction box. Junction box should have appropriate cable clamp.

Junction Box with flex cable clamps





- **Exposure Switch Location**

- Total available run length is 23 feet or 7 meters (See illustration above for information on how to calculate total Run Distance). Exposure switch cable can be extended by splicing a longer 2-wire cable, such as a phone line or ethernet cable.
- The Exposure Switch location and type may be dictated by city, county, state, or federal regulations. A stretch cable activator switch is provided.
- Generally the Exposure Switch is located a minimum of 6 feet from the CBCT machine and behind a barrier, such as a wall or shielded door, with an x-ray compliant window, a mirror, or a camera placed in a manner that will allow the operator to view the patient as the scan is in progress.
- The server monitor should also be visible during the scanning process.

- **Data Cable Location**

- Total available run length is 23 feet or 7 meters (See illustration above for information on how to calculate total Run Distance). Data Cable runs to the server.

- **Serial Cable Location**

- Total available run length is 23 feet or 7 meters (See illustration above for information on how to calculate total Run Distance). Serial Cable runs to the server.

DENTRI alpha CBCT Space & Electrical Requirements

- **Server Location & Power Requirements**

- The CBCT server's location is limited by the length of the specialized data cable, currently at 23 feet or 7 meters. Final distance from the CBCT requires determining the wires' routing in / on walls and ceilings. Remember to leave enough cable at the end to connect to the computer.
- The server is a standard desktop computer in the vertical configuration which requires a standard 120V outlet within 5 feet of the back of the computer case.
- The LCD or LED flat panel monitor requires a standard 120V outlet within 5 feet of the monitor center.
- Monitor can be used in standard desktop configuration or attached with the supplied fixed position wall mount.

- **Network Connectivity**

- Your server will require a network connection to be accessible to other computers in your network as well as to make your server accessible for remote support. A standard ethernet port should be accessible to the computer. Wireless connections are possible, but may impede performance and is not recommended. The computer is not configured with wireless ethernet communication.

Provided Standard Server and Monitor Setup

