

CS 9600 with Scan Ceph - PRE-INSTALLATION CHECK LIST

I. INFORMATION FOR THE DELIVERY

1. Delivery address	
Dental practice name:	
Dental practice address:	
City:	Postal code:
Country:	
Contact's name:	
Phone number:	

2. Access to the dental practice			
Restriction for vehicles/trucks	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	please specify	
Pedestrian area <input type="checkbox"/>	Main road <input type="checkbox"/>	Shopping center <input type="checkbox"/>	Unrestricted <input type="checkbox"/>

3. Packaging		
Check the following requirements for the dimensions of the CS 9600 with Scan Ceph unit PACKED and UNPACKED		
	(L) x (D) x (H) mm	
Packaging size 3 main boxes	Head box: 1400mm x 800mm x 1600mm Column box: 2250mm x 700mm x 650mm Scan Ceph box: 675mm x 1000mm x 1065mm	Weight: 242 kg Weight: 180 kg Weight: 65 kg

4. Access in the dental practice, please compare with the CS 9600 unit dimensions			
a. Through main entrance	<input type="checkbox"/>	Secondary entrance	<input type="checkbox"/>
b. Entrance' dimensions	Width: mm	Height: mm	OK <input type="checkbox"/>
c. Corridor's dimensions	Width: mm	Length: mm	OK <input type="checkbox"/>
d. Ground floor:	<input type="checkbox"/>	Floor: <input type="checkbox"/>	Floor #

If delivery in on ground floor, please go to point 4

5. Delivery is NOT on ground floor			
a. Lift available	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
b. Lift entrance dimensions	Width mm	Height mm	
c. Lift's max load	Weight kg		

If the lift meets the requirements go to point 6.

d. Stairs' Dimensions	Width mm	
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6. Access to the room where the unit will be installed			
a. Door's dimensions	Width mm	Height: mm	
b. Corridor's dimensions	Width mm	Height: mm	

Delivery part: Please type here any specific or useful information

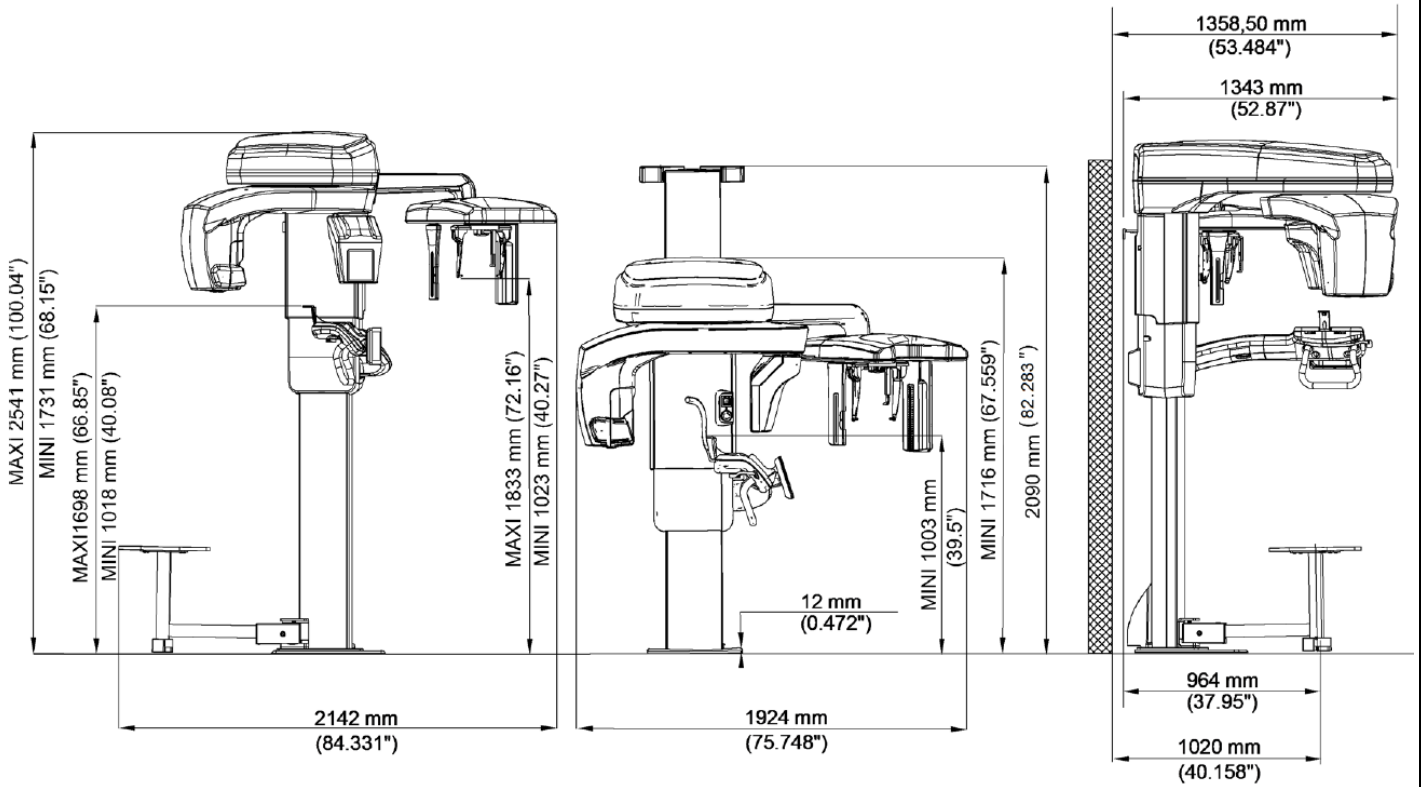
 **WARNING :The site must comply with the local regulation**

7. Room dimensions requirement			
a. Minimum space	Width door: 800 mm	Room dimensions	Width door: mm
	Width: 2050 mm		Width: mm
	Depth: 2000 mm		Depth: mm
	Height: 2300 mm		Height: mm

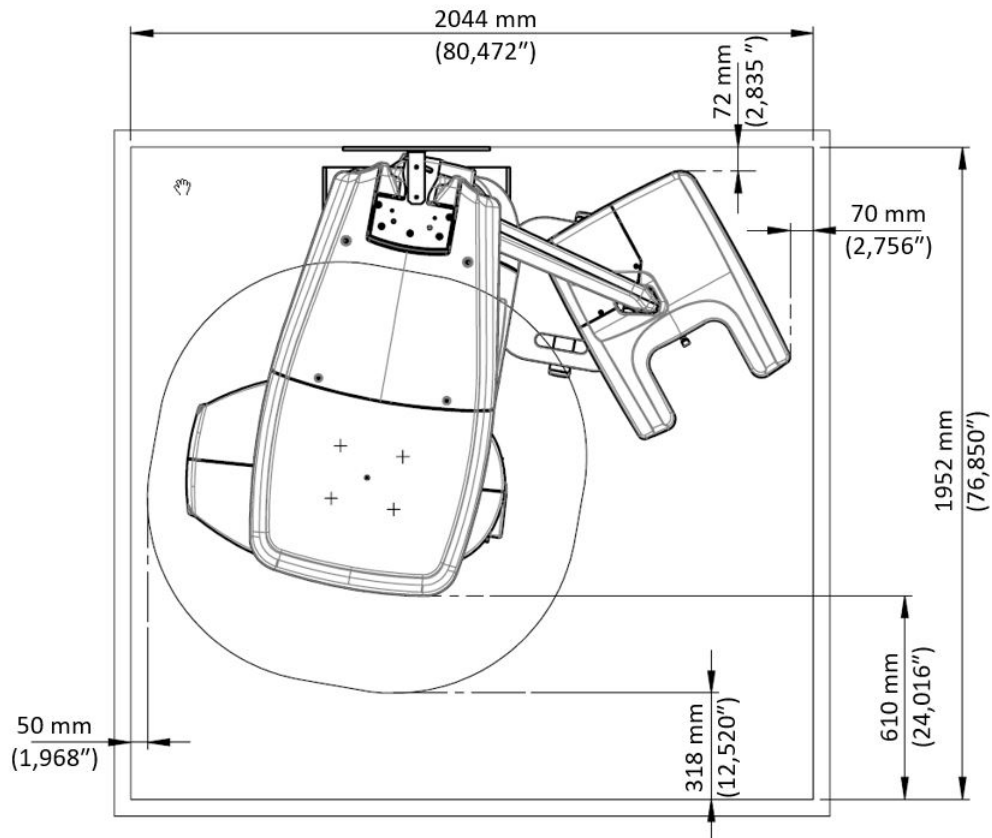
Note 1: The door of the X-Rays acquisition room must not impede the unit arm rotation.

Note 2: Allow sufficient workspace around the patient chair - see drawings

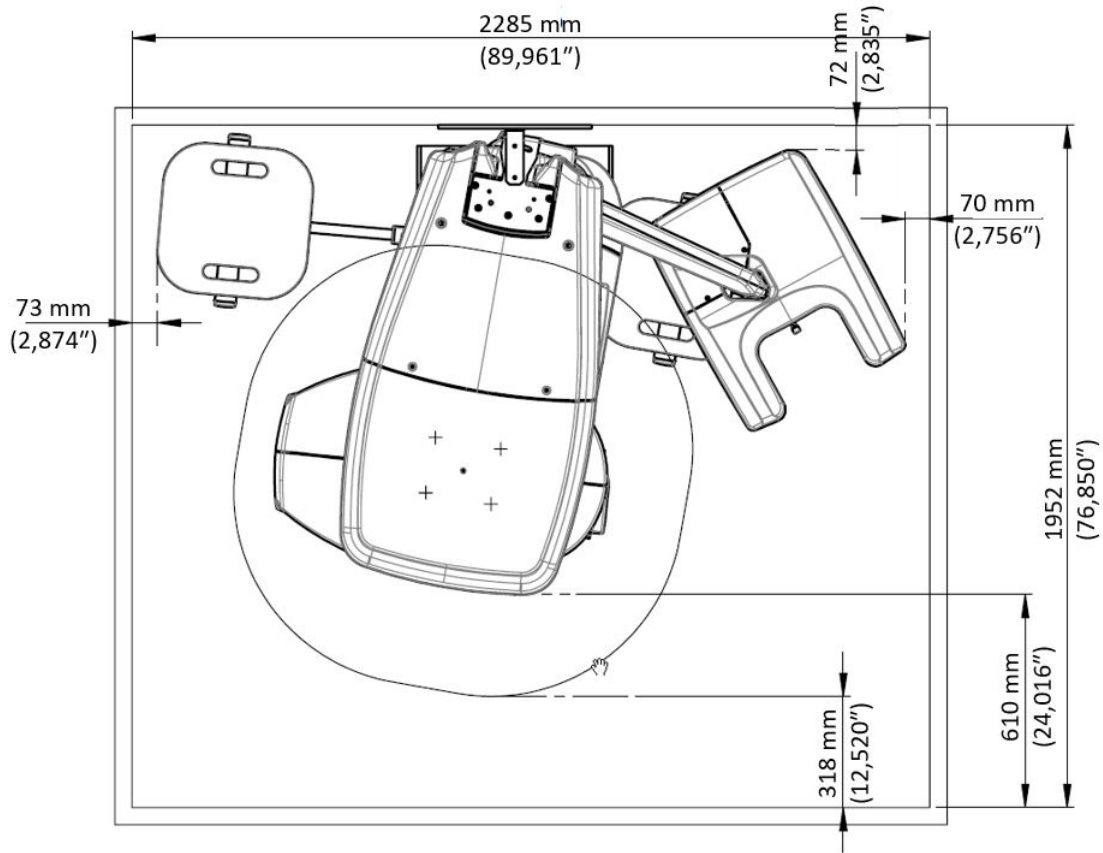
➤ **General CS 9600 with Scan Ceph dimensions information**



➤ **Case 1: Unit without optional patient seat or unit with the patient seat parked in the left**



➤ **Case 2: Unit with the patient seat parked in the right**



b. Wall and floor	
The floor is solid and flat	Yes <input type="checkbox"/> No <input type="checkbox"/>
c. Radio protection	
Recommended lead shielding is 2 mm lead thickness equivalent depending on the surrounding wall/door nature.	Yes <input type="checkbox"/> No <input type="checkbox"/>
For units having the 120 kV option, recommended lead shielding is 3 mm lead thickness equivalent depending on the surrounding wall/door nature.	Yes <input type="checkbox"/> No <input type="checkbox"/>
d. Control room	
Will the customer's PC work in a network?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Is there a place/table for a monitor?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Is there high-speed internet connection?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Can we access the Network from outside?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Is there a DPMS? Which one?	
Is there already a CSI database in place?	Yes <input type="checkbox"/> No <input type="checkbox"/>
If yes, Is there a link between the DPMS in place?	
Is there a phone set close to control room?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Note 3: From the control room, the practitioner has to be able to see the patient permanently. We recommend leaded glass for all windows.	
Are the windows leaded?	Yes <input type="checkbox"/> No <input type="checkbox"/>

Room requirement summarize: Please type here any specific and useful information

8. ⚡ Electrical requirements





a. CS 9600 unit requires the following dedicated electrical circuit. Please specify:	
200V-240V - circuit breaker 16A / 30mA differential RCCB	Yes <input type="checkbox"/> No <input type="checkbox"/>
100V-130V - circuit breaker 20A / 30mA differential RCCB	Yes <input type="checkbox"/> No <input type="checkbox"/>
b.	
✓ The power supply line must be equipped with a connection box that ensures a constant connection.	Yes <input type="checkbox"/> No <input type="checkbox"/>
✓ It must not be possible to connect the unit to the power supply without using a tool.	Yes <input type="checkbox"/> No <input type="checkbox"/>
✓ The unit must be protected against any accidental disconnection.	Yes <input type="checkbox"/> No <input type="checkbox"/>

c. CS 9600 with scan cephal electrical circuitry – please see diagram next page

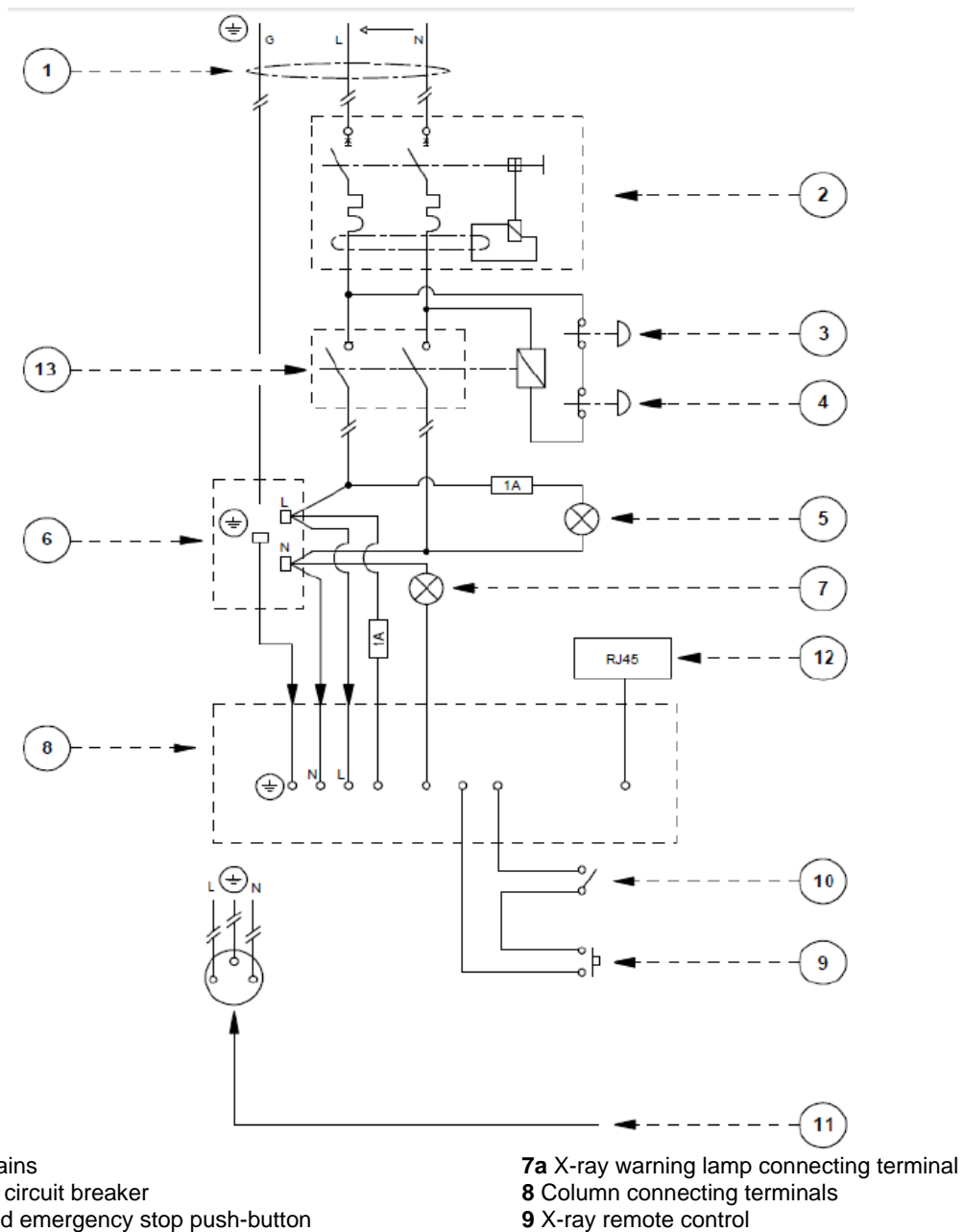
N#	Description	Status
1	Red-colored actuator emergency stop push-button	Yes <input type="checkbox"/> No <input type="checkbox"/>
2	Red-colored actuator emergency stop push-button	Yes <input type="checkbox"/> No <input type="checkbox"/>
3	Red warning lamp, Power On indicator	Yes <input type="checkbox"/> No <input type="checkbox"/>
4	Unit mains connecting terminal	Yes <input type="checkbox"/> No <input type="checkbox"/>
5	Warning lamp (X-ray emission or ready state indicator)	Yes <input type="checkbox"/> No <input type="checkbox"/>
5 a	X-ray warning lamp connecting terminal	Yes <input type="checkbox"/> No <input type="checkbox"/>
6	X-ray remote control	Yes <input type="checkbox"/> No <input type="checkbox"/>
7	Door safety switch	Yes <input type="checkbox"/> No <input type="checkbox"/>
8	Mains outlet (for electrical tools)	Yes <input type="checkbox"/> No <input type="checkbox"/>
9	Ethernet min Class 5E outlet (RJ45/1)	Yes <input type="checkbox"/> No <input type="checkbox"/>
10	Local area network (LAN) (RJ45/2)	Yes <input type="checkbox"/> No <input type="checkbox"/>

Please specify if any electrical requirement does not comply:

Electrical part summarize: Please type here any specific or usefull information

9. Environmental requirements    	
The ambient temperature should be 5°C to 35°C with a maximum of 30-85% relative humidity, non-condensing	Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know <input type="checkbox"/>
The atmospheric pressure must be 700-1060 hpa	Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know <input type="checkbox"/>

CS 9600 – Electrical diagram of the X-Ray Room and the System Connections



- 4 Red colored emergency stop push-button
- 5 Red warning lamp, power ON indicator
- 6 System mains connecting terminal
- 7 Warning lamp (X-ray emission or ready state indicator)

- 10 Door safety switch
- 11 Mains outlet (for electric tools)
- 12 Ethernet outlet (RJ45/1)
- 13 Contactor

DSE Name :	Carestream Dental representative name (DSM):
DSE mobile #:	Carestream Dental representative mobile #:
Date:	Date:
Final comment : please type here any usefull information	