

PreXion3D Explorer

Reference Manual



www.tnmservicos.com

Distribuidor e Assistência Técnica Exclusiva



www.prexion.com.br

7.9

Scan condition of each operating mode

- * About the measuring errors of the dose values in the table below, we consider a tolerance less than 50%. While errors in Tube Voltage is less than 10%, errors in Tube Current is less than 20% and errors in Scan Time is 5% + 0.05 s.
- * The scan conditions are preset values. To change any of them, please contact the representative of PreXion customer service.

7.9.1 CT Scan

Selected scan mode			Scan size [mm]	Tube Voltage [kV]	Tube Current [mA]	Scan Time [s]	Exposure Time [s]	Air kerma [mGy]	Dose Area Product [mGycm ²]	CTDI _w [mGy]
Ultra High Definition	Face	Large Adult	φ150 x H156	110	4.0	20	10.0	5.87	4535.4	31.5
Ultra High Definition	Face	Medium Adult	φ150 x H156	110	3.0	20	10.0	4.31	3341.9	23.2
Ultra High Definition	Face	Small Adult	φ150 x H156	110	2.5	20	10.0	3.54	2755.2	19.1
Ultra High Definition	Face	Child	φ150 x H156	90	2.5	20	10.0	2.19	1766.5	11.4
Ultra High Definition	Full arch	Large Adult	φ150 x H80	110	4.0	20	10.0	5.87	2568.4	20.2
Ultra High Definition	Full arch	Medium Adult	φ150 x H80	110	3.0	20	10.0	4.31	1892.6	14.9
Ultra High Definition	Full arch	Small Adult	φ150 x H80	110	2.5	20	10.0	3.54	1557.2	12.3
Ultra High Definition	Full arch	Child	φ150 x H80	90	2.5	20	10.0	2.19	993.8	7.3
Ultra High Definition	Arch	Large Adult	φ100 x H100	110	4.0	20	10.0	5.87	2349.0	13.5
Ultra High Definition	Arch	Medium Adult	φ100 x H100	110	3.0	20	10.0	4.31	1731.3	9.9
Ultra High Definition	Arch	Small Adult	φ100 x H100	110	2.5	20	10.0	3.54	1423.8	8.2
Ultra High Definition	Arch	Child	φ100 x H100	90	2.5	20	10.0	2.19	908.8	4.9
Ultra High Definition	Teeth	Large Adult	φ50 x H50	110	4.0	20	14.0	6.98	811.5	5.4
Ultra High Definition	Teeth	Medium Adult	φ50 x H50	110	3.0	20	14.0	5.19	603.2	4.0
Ultra High Definition	Teeth	Small Adult	φ50 x H50	110	2.5	20	14.0	4.32	504.0	3.3
Ultra High Definition	Teeth	Child	φ50 x H50	90	2.5	20	14.0	2.69	320.9	1.9

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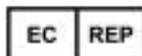
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The CE symbol grants this product compliance to the European Directive for Medical Devices 93/42/EEC as amended by 2007/47/EC as a class II b device.



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