

BoS[®] Headframe

TECHNICAL DATA SHEET

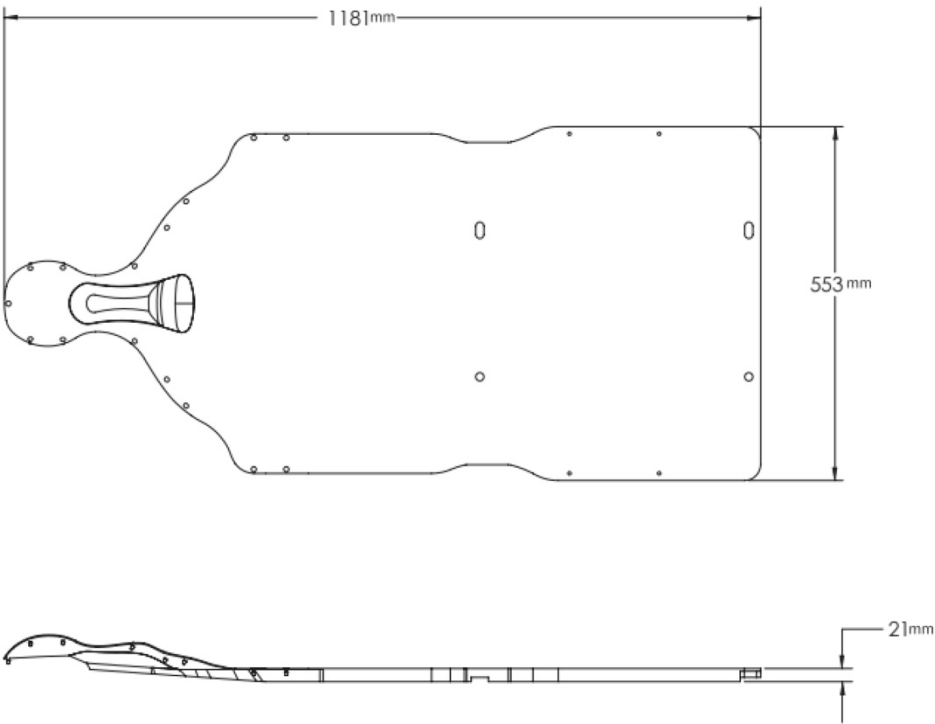


PRODUCT NAME	BoS Headframe
PRODUCT NUMBER	RT-4535BOS
GENERAL DESCRIPTION	Patient Positioning System for Proton
INDICATIONS FOR USE	This device is intended to immobilize, position and reposition patients undergoing radiation therapy
COMPATIBLE THERMOPLASTICS	RT-1782BOS-DXS, RT-1882KBOS-DXS, RT-1878BOS-D2LVS, RT-1878KBOS-D2LVS, RT-1882BOS-DVS, RT-1882KBOS-DVS, RT-1878KBOS-D2LSF, RT-1878KBOS-E2LF, RT-1878BOS-D2LS, RT-1878KBOS-D2LS, RT-1882BOS-DS, RT-1882KBOS-DS, RT-1878BOS-D2L, RT-1878KBOS-D2L, RT-1882BOS-D, RT-1882KBOS-D, RT-1878BOS-E2LS, RT-1878KBOS-E2LS, RT-1882BOS-ES, RT-1882KBOS-ES, RT-1878BOS-E2L, RT-1878KBOS-E2L, RT-1882BOS-E, RT-1882KBOS-E
MR STATUS	Not intended for use in an MR environment.
INTEGRATION	2 Indexes to couchtop via 2-Pin Lok-Bar
FDA CLEARANCE	Yes
CE MARKED (EU DOC)	Yes
OTHER COUNTRY REGISTRATIONS	Available Upon Request
COUNTRY OF MANUFACTURE	USA

TECHNICAL DETAILS

COMPONENT	RT-4535BOS BoS Headframe	
PRIMARY MATERIALS	Foam Cored Composite	
WEIGHT (APPROX)	5.9 kg / 8 lbs	
MAX PATIENT WEIGHT	159 kg / 350 lbs DO NOT exceed 159 kg (350 lbs) uniformly distributed load at maximum cantilever position indicated on board.	
DIMENSIONS (MM)	1181 L x 553 W x 21 H	
DOSIMETRIC PROPERTIES	LOCATION	ATTENUATION 6 MV PROTONS
	Head Area	2.7 mm WET*
	* Wroe AJ, Ghebremedhin A, Gordon IR, Schulte RW, Slater JD. Water equivalent thickness analysis of immobilization devices for clinical implementation in proton therapy. Technol Cancer Res Treat; 13(5):415-20 (2014) Performance Specifications are for reference only, values may vary based on setup and equipment.	

TECHNICAL DRAWING



PACKAGING

UNIT PACK	Each
UNITS / BOX	One Device
SHELF LIFE	Not Applicable
WARRANTY	See CQ Medical Website for Product Warranty Statement
STERILIZATION	Non-Sterile
LAUNCH DATE	2010

ACCESSORIES

SYSTEM CUSTOMIZATION	<p>COMPATIBLE WITH:</p> <p>Foam Headrest (RT-4490BOS1)</p> <p>Precut Foam Shim for BoS Headframe (RT-4485)</p> <p>Hand Grips, Pair (RT-4525HGA)</p> <p>AccuForm U Head Cushion (MTACL2035U)</p>
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