APPLICATION FOR HCAI SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0828

HCAI Special Seismic Certification Preapproval (OSP)

Type: [X] New [ ] Renewal

Manufacturer Information

Manufacturer: Baxter Medical Systems, GmbH Co. + KG

Manufacturer's Technical Representative: Christoph Gneupel

Mailing Address: Carl-Zeiss-Strasse 7-9, Saalfeld, Th 07318, Germany

Telephone: +49 170 6154158 Email: christoph_gneupel@baxter.com

Product Information

Product Name: TruSystem 7500 Series Surgical Tables

Product Model Number(s): Various, see Attachment 1 Table 1 & Table 2

Product Category: Motorized Operating Table Systems

Product Sub-Category: NA

General Description: Components of a motorized surgical table system

Mounting Description: See Table 1

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: CYS Structural Engineers, Inc.

Contact Person: Dieter Siebald

Mailing Address: 2710 Gateway Oaks Drive, Suite 190N, Sacramento, CA 95833

Telephone: (916) 920-2020 Email: dieters@cyseng.com

Title: Structural Engineer - Project Manager

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: CYS STRUCTURAL ENGINEERS, INC.

Name: Dieter Siebald California License Number: S4346

Mailing Address: 2710 Gateway Oaks Drive, Suite 190N, Sacramento, CA 95833

Telephone: (916) 920-2020 Email: dieters@cyseng.com

Certification Method

☐ GR-63-Core ☒ ICC-ES AC156 ☐ IEEE 344 ☐ IEEE 693 ☐ NEBS 3

☐ Other (Please Specify):

Testing Laboratory

Company Name: IABG TEST LABORATORY

Contact Person: Muhammed Boeyuekbas

Mailing Address: Einsteinstrasse 20, Ottobrunn Bavaria 85521 Germany

Telephone: +49 89 6088 3172 Email: Boeyuekbas@iabg.de

Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = See Attachment 1 - Table 1 Component Certifications

S_{DS} (Design spectral response acceleration at short period, g) = 2.0 (z/h=1.0)

a_p (Amplification factor) = See Attachment 1 - Table 1 Component Certifications

R_p (Response modification factor) = See Attachment 1 - Table 1 Component Certifications

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 1

Natural frequencies (Hz) = See Attachment 2 - UUT Summaries

Overall dimensions and weight = See Attachment 1 - Tables 1 & 2 Component & Subcomponent Certifications

HCAI Approval (For Office Use Only) - Approval Expires on 01/21/2031

Date: 1/21/2025

Name: Timothy Piland Title: Senior Structural Engineer

Special Seismic Certification Valid Up to: S_{DS} (g) = 2.00 z/h = 1

Condition of Approval (if applicable):

TABLE 1: SEISMIC CERTIFIED COMPONENTS

SYSTEM: TRUSYSTEM 7500 SERIES MOTORIZED SURGICAL TABLES **MFR:** BAXTER MEDICAL SYSTEMS GmbH+ Co. KG

COMPONENT	MODEL NO.	DIMS (IN)			MAX WT[1] (LBS)	MAX PATIENT WT (LBS)	MOUNT	UUT[3]	F_P/W_P	S_{DS}	z/h	a_P	R_P	Ω_0
		HEIGHT	DEPTH	WIDTH										
UNIVERSAL TABLETOP	ST26 U	42.4	103.1	23.7	962	396	RIGID BASE	UUT1a[4]	2.4	2.0	1.0	1.0	1.5	1.5
UNIVERSAL TABLETOP	U26 U	39.5	90.2	23.7	1242	705	RIGID BASE	UUT1b[5]	2.4	2.0	1.0	1.0	1.5	1.5
UNIVERSAL TABLETOP	U24 U	39.5	112.6	24.6	796	297	RIGID BASE	UUT1c[5]	2.4	2.0	1.0	1.0	1.5	1.5
CARBON FLOATLINE	CARBON FLOATLINE U	42.9	121.7	22.1	941	317	RIGID BASE	UUT2a[4]	2.4	2.0	1.0	1.0	1.5	1.5
MR NEURO	MR NEURO U	45.0	112.4	22.7	1054	317	RIGID BASE	UUT2b[5]	2.4	2.0	1.0	1.0	1.5	1.5
EXTERNAL PACK POWER SUPPLY	2065993	15.6	5.1	12.4	31	–	RIGID WALL/FRAME	UUT2c	1.44	2.0	1.0	1.0	2.5	2.0

MOUNTING DETAILS:

SEE ATTACHMENT 2 FOR UUT SUMMARIES AND MOUNTING DETAILS.

NOTES:

1. MAX WEIGHT TESTED INCLUDES 80% OF MAX APPROVED PATIENT WEIGHT.
2. TEST USED HIGHER LOAD OF 297 LBS INSTEAD OF 80% OF 352 LBS WHICH IS 282 LBS BECAUSE THE APPLIED WEIGHTS COME IN 5 KG & 10 KG SAND BAGS.
3. UUT – UNIT UNDER TEST PER ICC STANDARD AC156. SEE ATTACHMENT 2 FOR UUT SUMMARIES.
4. UUT WAS TESTED AT MAX TABLE EXTENSION & APPROVED PATIENT WEIGHT FOR THE MAX TABLE EXTENSION.
5. UUT WAS TESTED AT MIDDLE TABLE POSITION & MAX APPROVED PATIENT WEIGHT AT THE MIDDLE TABLE POSITION.
6. IMRIS BASE PLATE IS OPTIONAL AND IS NOT REQUIRED TO MAINTAIN OSP CERTIFICATION.

TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS[1]

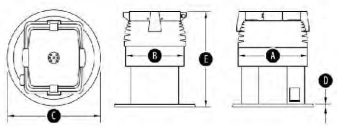
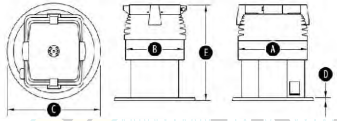
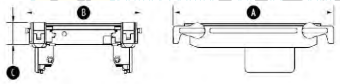
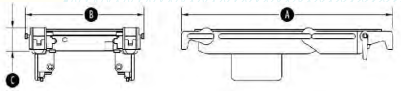
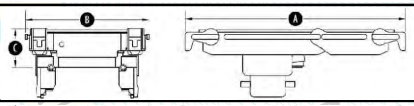
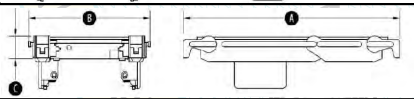
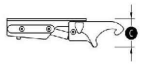
SUBCOMPONENT TYPE	SUBCOMPONENT NAME	MODEL NO.	DESCRIPTION (SEE DIMS COL FOR A, B, C, E VALUES)	DIMS (IN)			MAX WT (LBS)	MATERIAL	UUT
				LENGTH[A]	WIDTH[B]	HEIGHT[C,E]			
COLUMN	FLOOR MOUNTED COLUMN TS 7500 U	1730732		14.65	12.24	42.12	280	STEEL	UUT1a, UUT1b & UUT1c
COLUMN	TRUSYSTEM 7500 HYBRID PLUS	1854087		14.65	12.24	42.12	280	STEEL	UUT2a
COLUMN	TRUSYSTEM 7500 HYBRID MR IMRIS	2067886		14.65	12.24	42.12	277	STEEL	UUT2b
TABLETOP	OR TABLETOP U14 HVU	1909800		32.76	23.62	4.02	174	STEEL	INT[1]
TABLETOP	OR TABLETOP U24 HVU	1909797		46.46	23.62	4.02	187	STEEL	UUT1c
TABLETOP	OR TABLETOP ST26 HVU	2029418		42.13	23.62	6.93	247	STEEL	UUT1a
TABLETOP	OR TABLETOP[2] U26 HV/HVU	1909793 1909794		42.13	23.62	4.02	202	STEEL	UUT1b
HEAD SECTION	HEAD SECTION SINGLE JOINT HUV	1769761		15.35	23.62	3.62	11	STEEL	UUT1c
HEAD SECTION	HEAD SECTION DOUBLE JOINT HUV	1853828		15.35	23.62	3.62	15	STEEL	UUT1b
HEAD SECTION	HEAD SECTION[2] FOLDABLE H/HU	2077065 2077066		16.46	23.62	3.66	17	STEEL	UUT1a

TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS[1]

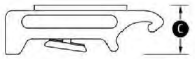
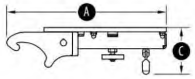
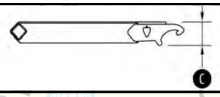
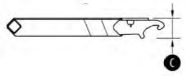
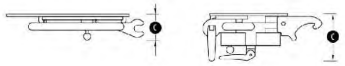
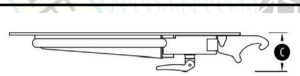
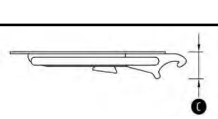
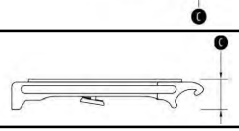
SUBCOMPONENT TYPE	SUBCOMPONENT NAME	MODEL NO.	DESCRIPTION	DIMS (IN)			MAX WT (LBS)	MATERIAL	UUT
				LENGTH[A]	WIDTH[B]	HEIGHT[C,E]			
HEAD SECTION	UPPER BACK SECTION HVU	1909813		11.81	23.62	3.94	11	STEEL	INT[1]
HEAD SECTION	OPTHALMOLOGY ADAPTER H	2077580		14.53	22.83	3.74	12	STEEL	INT[1]
LEG SECTION	TABLETOP SEGMENT CARBON 1200 HV	1850989		50.79	24.61	3.74	21	CARBON	UUT1c
LEG SECTION	TABLETOP SEGMENT CARBON 600 HV	1739992		27.17	24.61	3.74	18	CARBON	INT[1]
LEG SECTION	CARBON 600 NARROW H	2077576		23.62	22.83	5.31	22	CARBON	INT[1]
LEG SECTION	LEG SECTION ONE PART LIGHT HV	2012543		40.35	23.03	3.74	13.23	STEEL	INT[1]
LEG SECTION	LEG SECTION FOUR[2] PARTS SPREADABLE HV/HUV	1850994 1853829		32.48	23.62	6.34	39.6	STEEL	UUT1b
LEG SECTION	LEG SECTION TWO[2] PARTS SPREADABLE HV/HUV	1850979 1739991		32.48	23.62	5.12	13	STEEL	UUT1a
LEG SECTION	LEG SECTION X-RAY SPREAD JOINT H	2077588		31.69	23.03	4.21	11	STEEL	INT[1]
LEG SECTION	LEG SECTION ONE PART HUV	1739969		23.23	23.62	3.74	13.23	STEEL	INT[1]
LEG SECTION	UNIVERSAL SECTION HVU	2072445		20.67	23.62	3.5	17.64	STEEL	INT[1]
LEG SECTION	PELVIC EXTENSION[2] HV/HVU	1909817 1909820		12.05	23.62	3.94	10.6	STEEL	UUT1a

TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS[1]

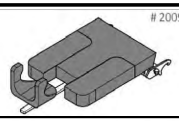
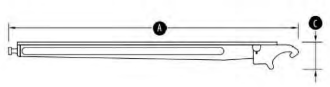
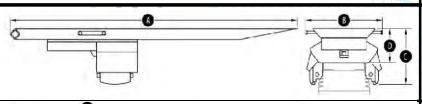
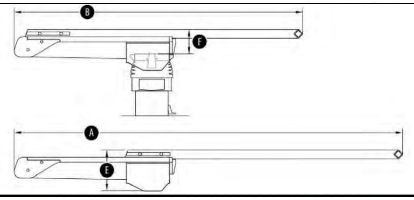
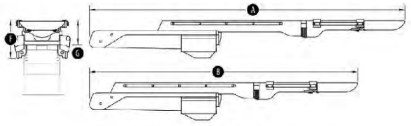
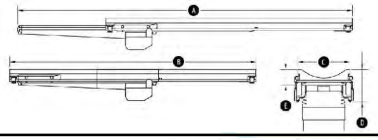
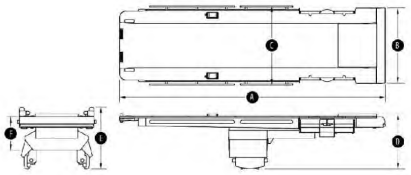
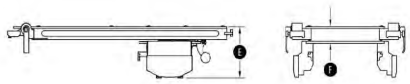
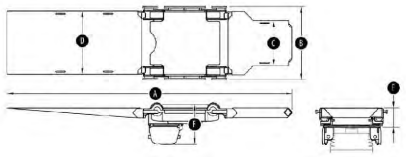
SUBCOMPONENT TYPE	SUBCOMPONENT NAME	MODEL NO.	DESCRIPTION	DIMS (IN)			MAX WT (LBS)	MATERIAL	UUT
				LENGTH[A]	WIDTH[B]	HEIGHT[C,E]			
LEG SECTION	SHOULDER CHAIR H	2009875		44.09	25.98	9	24.88	STEEL	INT[1]
LEG SECTION	EXTENSION SECTION PEDIATRIC HU	2077593		40.24	23.35	3.58	26.45	STEEL	INT[1]
TABLETOP	OR TABLETOP CARBON X-TRA 7500 UV	1846397		82.05	22.05	9.49	254	COMPOSITE	INT[1]
TABLETOP	OR TABLETOP CARBON - FLOATLINE U	1616201		121.65	22.05	7.44	344	COMPOSITE	UUT2a
TABLETOP	OR TABLETOP MR NEURO U	2064888		121.69	21.22	9.57	426	COMPOSITE	UUT2b
TABLETOP	OR TABLETOP CARBON SPINE	2065423 OR 2072214		109.41	17.01	5.12	209	COMPOSITE	INT[1]
TABLETOP	OR TABLETOP PTS COMBI SUITE U	1742297		82.28	23.62	10.02	412	COMPOSITE	INT[1]
TABLETOP	OR TABLETOP PEDIATRICS UT	1460304		41.33	22.68	2.95	154	COMPOSITE	INT[1]

TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS(1)

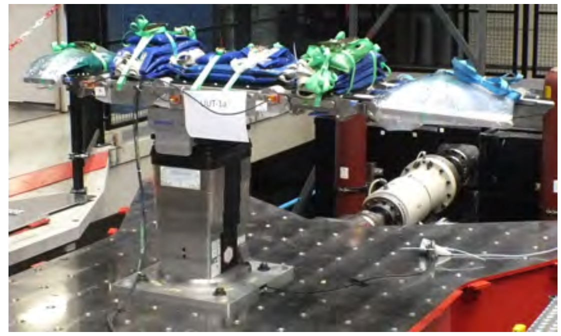
SUBCOMPONENT TYPE	SUBCOMPONENT NAME	MODEL NO.	DESCRIPTION	DIMS (IN)			MAX WT (LBS)	MATERIAL	UUT
				LENGTH(A)	WIDTH(B)	HEIGHT(C,E)			
TABLETOP	OPERATING TABLETOP SQ14 X-TRA UT	1581502		94.29	23.62	6.3	278	COMPOSITE	INT[1]

NOTES:

1. ALL LISTED SUBCOMPONENTS WERE EITHER TESTED AS PART OF A COMPONENT UUT LISTED IN ATTACHMENT 1 – TABLE 1 OR SEISMIC CERTIFIED VIA INTERPOLATION/EXTRAPOLATION OF THE COMPONENT UUTS.
2. MODEL NUMBERS CHANGE BETWEEN U.S. & EUROPEAN MODELS.

UNIT UNDER TEST UUT1a - 7500 COLUMN W/ UNIVERSAL TABLE TOP ST26 U

SUBCOMPONENT	MODEL NO.	NAME
1	1730732	FLOOR MOUNTING COLUMN TS 7500 U
2	2029418	OR TABLETOP ST26 HVU
A	2077065	HEAD SECTION FOLDABLE H
B	1909817	PELVIC EXTENSION HV
C	1850979	LEG SECTION TWO PARTS SPREADABLE HV



MOUNTING DETAILS:
RIGID FLOOR MOUNTED – THE COLUMN BASE PLATE IS ATTACHED TO THE IMRIS PLATE W/ 8– EVENLY SPACED M8 SCREWS W/ WASHERS ON A 13.7"ø CIRCLE & TORQUED TO 13.3 FT–LBS EACH. THE SQUARE IMRIS BASE PLATE IS ATTACHED TO THE SHAKER TABLE W/ 4– 24mm BOLTS SPACED AT 15.75" OC EACH WAY.

MFR: BAXTER MEDICAL SYSTEMS GmbH+ Co. KG

Test Location: iABG, OTTOBRUNN, GERMANY

Test Report Number: TA–B–005620–V1

Test Date: OCTOBER 2024

UUT SYSTEM PROPERTIES

WT (LB)	DIMS (IN)			NATURAL FREQUENCY (Hz)		
	WIDTH	DEPTH	HEIGHT	FRONT–BACK	SIDE–SIDE	VERTICAL
962	23.7	103.1	42.4	6.4	2.9	22.3

NOTES:
1. WT IS TOTAL TESTED WEIGHT OF TABLE & 80% OF THE ALLOWABLE PATIENT WEIGHT, AS A MINIMUM.
2. THE UUT SYSTEM WAS TESTED USING THE NORMAL COLUMN OPERATING HEIGHT OF 35.4" & MAXIMUM TABLE EXTENSION CONSISTING OF A COMPLETE TABLE TOP SHIFT OF 7.8".
3. NATURAL FREQUENCY MEASURING POINT IS RECORDED ON TABLE TOP OVER COLUMN AXIS.
4. IMRIS BASE PLATE IS OPTIONAL AND IS NOT REQUIRED TO MAINTAIN OSP CERTIFICATION.

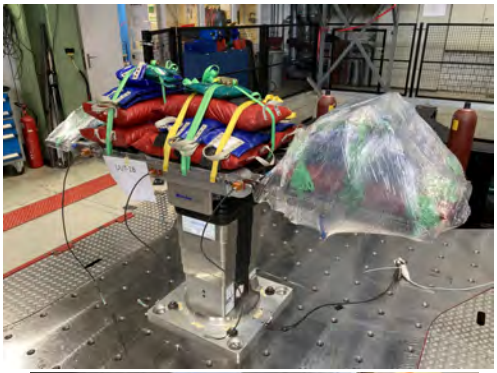
SEISMIC TEST PARAMETERS

BLDG CODE	TEST CRITERIA	S_{DS} (g)	z/h	I_p	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
2022 CBC	AC156	2.0	1.0	1.5	3.20	2.40	1.34	0.54

NOTE:
UUT1a REMAINED FULLY FUNCTIONAL AFTER SHAKE TESTING & MET STRUCTURAL INTEGRITY REQUIREMENTS ACCORDING TO AC156

UNIT UNDER TEST UUT1b - 7500 COLUMN W/ UNIVERSAL TABLE TOP U26 U

SUBCOMPONENT	MODEL NO.	NAME
1	1730732	FLOOR MOUNTING COLUMN TS 7500 U
2	1909793	OR TABLETOP U26 HV
A	1853828	HEAD SECTION DOUBLE JOINT HU
B	1850994	LEG SECTION FOUR PARTS HV



MOUNTING DETAILS:

RIGID FLOOR MOUNTED – THE COLUMN BASE PLATE IS ATTACHED TO THE IMRIS PLATE W/ 8– EVENLY SPACED M8 SCREWS W/ WASHERS ON A 13.7"ø CIRCLE & TORQUED TO 13.3 FT–LBS EACH. THE SQUARE IMRIS BASE PLATE IS ATTACHED TO THE SHAKER TABLE W/ 4– 24mm BOLTS SPACED AT 15.75" OC EACH WAY.

MFR: BAXTER MEDICAL SYSTEMS GmbH+ Co. KG

Test Location: iABG, OTTOBRUNN, GERMANY

Test Report Number: TA–B–005621–V1

Test Date: OCTOBER 2024

UUT SYSTEM PROPERTIES

WT (LB)	DIMS (IN)			NATURAL FREQUENCY (Hz)		
	WIDTH	DEPTH	HEIGHT	FRONT–BACK	SIDE–SIDE	VERTICAL
1242	23.7	90.2	39.5	4.4	2.4	13.3

NOTES:

1. WT IS TOTAL TESTED WEIGHT OF TABLE & 80% OF THE ALLOWABLE PATIENT WEIGHT, AS A MINIMUM.
2. THE UUT SYSTEM WAS TESTED USING THE NORMAL COLUMN OPERATING HEIGHT OF 35.4", MAXIMUM PATIENT WEIGHT & NO TABLE EXTENSION.
3. NATURAL FREQUENCY MEASURING POINT IS RECORDED ON TABLE TOP OVER COLUMN AXIS.
4. IMRIS BASE PLATE IS OPTIONAL AND IS NOT REQUIRED TO MAINTAIN OSP CERTIFICATION.

SEISMIC TEST PARAMETERS

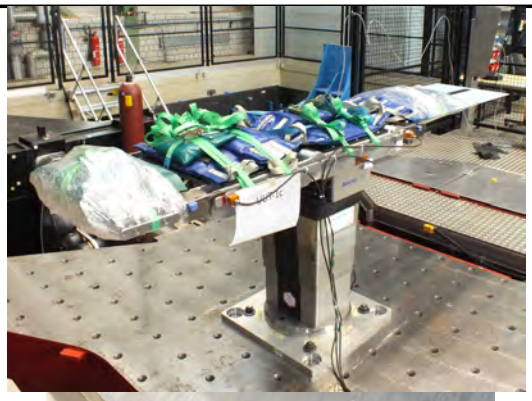
BLDG CODE	TEST CRITERIA	S_{DS} (g)	z/h	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
2022 CBC	AC156	2.0	1.0	1.5	3.20	2.40	1.34	0.54

NOTE:

UUT1b REMAINED FULLY FUNCTIONAL AFTER SHAKE TESTING & MET STRUCTURAL INTEGRITY REQUIREMENTS ACCORDING TO AC156

UNIT UNDER TEST UUT1c - 7500 COLUMN W/ UNIVERSAL TABLE TOP U24 U

SUBCOMPONENT	MODEL NO.	NAME
1	1730732	FLOOR MOUNTING COLUMN TS 7500 U
2	1909797	OR TABLETOP U24 HVU
A	1769761	HEAD SECTION SINGLE JOINT HVU
B	1850989	TABLE TOP SEGMENT CARBON 1200 HV



MOUNTING DETAILS:

RIGID FLOOR MOUNTED – THE COLUMN BASE PLATE IS ATTACHED TO THE IMRIS PLATE W/ 8– EVENLY SPACED M8 SCREWS W/ WASHERS ON A 13.7"ø CIRCLE & TORQUED TO 13.3 FT–LBS EACH. THE SQUARE IMRIS BASE PLATE IS ATTACHED TO THE SHAKER TABLE W/ 4– 24mm BOLTS SPACED AT 15.75" OC EACH WAY.

MFR: BAXTER MEDICAL SYSTEMS GmbH+ Co. KG

Test Location: iABG, OTTOBRUNN, GERMANY

Test Report Number: TA–B–005622–V1

Test Date: OCTOBER 2024

UUT SYSTEM PROPERTIES

WT (LB)	DIMS (IN)			NATURAL FREQUENCY (Hz)		
	WIDTH	DEPTH	HEIGHT	FRONT–BACK	SIDE–SIDE	VERTICAL
796	24.6	112.6	39.5	6.2	3.7	9.7

NOTES:

1. WT IS TOTAL TESTED WEIGHT OF TABLE & 80% OF THE ALLOWABLE PATIENT WEIGHT, AS A MINIMUM.
2. THE UUT SYSTEM WAS TESTED USING THE NORMAL COLUMN OPERATING HEIGHT OF 35.4", LONGEST UNIVERSAL CARBON CONFIGURATION, MAXIMUM PATIENT WEIGHT & NO TABLE EXTENSION.
3. NATURAL FREQUENCY MEASURING POINT IS RECORDED ON TABLE TOP OVER COLUMN AXIS.
4. IMRIS BASE PLATE IS OPTIONAL AND IS NOT REQUIRED TO MAINTAIN OSP CERTIFICATION.

SEISMIC TEST PARAMETERS

BLDG CODE	TEST CRITERIA	S_{DS} (g)	z/h	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
2022 CBC	AC156	2.0	1.0	1.5	3.20	2.40	1.34	0.54

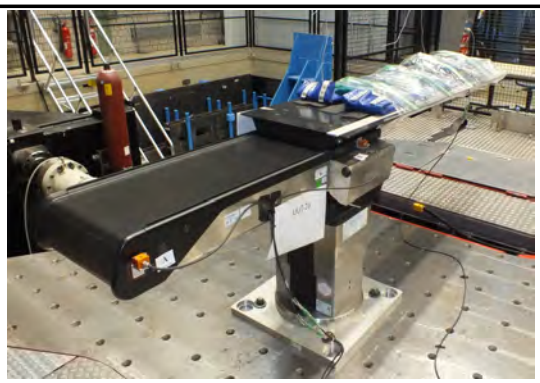
NOTE:

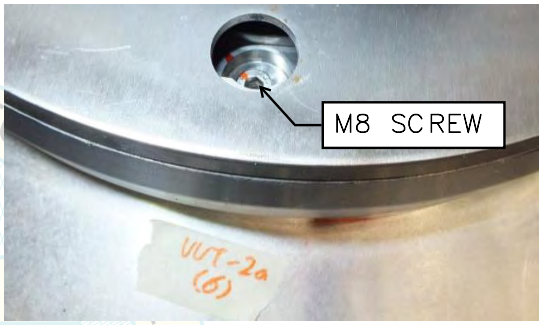
UUT1c REMAINED FULLY FUNCTIONAL AFTER SHAKE TESTING & MET STRUCTURAL INTEGRITY REQUIREMENTS ACCORDING TO AC156

UNIT UNDER TEST UUT2a - 7500 COLUMN W/ CARBON FLOATLINE U TABLETOP

SUBCOMPONENT	MODEL NO.	NAME
1	1854087	TRUSYSTEM 7500 HYBRID PLUS
2	1616201	OR TABLETOP CARBON FLOATLINE U

MOUNTING DETAILS:
RIGID FLOOR MOUNTED – THE COLUMN BASE PLATE IS ATTACHED TO THE IMRIS PLATE W/ 8– EVENLY SPACED M8 SCREWS W/ WASHERS ON A 13.7"ø CIRCLE & TORQUED TO 13.3 FT–LBS EACH. THE SQUARE IMRIS BASE PLATE IS ATTACHED TO THE SHAKER TABLE W/ 4– 24mm BOLTS SPACED AT 15.75" OC EACH WAY.





MFR: BAXTER MEDICAL SYSTEMS GmbH+ Co. KG

Test Location: iABG, OTTOBRUNN, GERMANY

Test Report Number: TA–B–005534–V1

Test Date: OCTOBER 2024

UUT SYSTEM PROPERTIES

WT (LB)	DIMS (IN)			NATURAL FREQUENCY (Hz)		
	WIDTH	DEPTH	HEIGHT	FRONT–BACK	SIDE–SIDE	VERTICAL
941	22.1	90.2–121.7	42.9	2.4	9.4	2.5

NOTES:
1. WT IS TOTAL TESTED WEIGHT OF TABLE & 80% OF THE ALLOWABLE PATIENT WEIGHT, AS A MINIMUM.
2. THE UUT SYSTEM WAS TESTED USING THE NORMAL COLUMN OPERATING HEIGHT OF 35.4" & MAXIMUM TABLE EXTENSION @ 121.7".
3. NATURAL FREQUENCY MEASURING POINT IS RECORDED ON TABLE TOP OVER COLUMN AXIS.
4. IMRIS BASE PLATE IS OPTIONAL AND IS NOT REQUIRED TO MAINTAIN OSP CERTIFICATION.

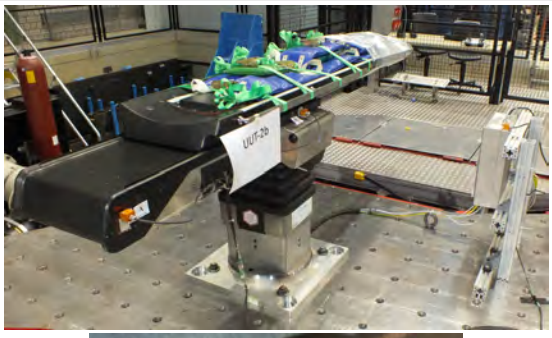
SEISMIC TEST PARAMETERS

BLDG CODE	TEST CRITERIA	S_{DS} (g)	z/h	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
2022 CBC	AC156	2.0	1.0	1.5	3.20	2.40	1.34	0.54

NOTE:
UUT2a REMAINED FULLY FUNCTIONAL AFTER SHAKE TESTING & MET STRUCTURAL INTEGRITY REQUIREMENTS ACCORDING TO AC156

UNIT UNDER TEST UUT2b - 7500 MR COLUMN W/ MR NEURO U TABLETOP

SUBCOMPONENT	MODEL NO.	NAME
1	2067886	TRUSYSTEM 7500 HYBRID MR IMRIS
2	2064888	OR TABLETOP MR NEURO U



MOUNTING DETAILS:

1. RIGID FLOOR MOUNTED – THE COLUMN BASE PLATE IS ATTACHED TO THE IMRIS PLATE W/ 8– EVENLY SPACED M8 SCREWS W/ WASHERS ON A 13.7"ø CIRCLE & TORQUED TO 13.3 FT–LBS EACH. THE SQUARE IMRIS BASE PLATE IS ATTACHED TO THE SHAKER TABLE W/ 4– 24mm BOLTS SPACED AT 15.75" OC EACH WAY.

MFR: BAXTER MEDICAL SYSTEMS GmbH+ Co. KG

Test Location: iABG, OTTOBRUNN, GERMANY

Test Report Number: TA–B–005623–V1

Test Date: OCTOBER 2024

UUT SYSTEM PROPERTIES – COLUMN & TABLETOP

WT (LB)	DIMS (IN)			NATURAL FREQUENCY (Hz)		
	WIDTH	DEPTH	HEIGHT	FRONT–BACK	SIDE–SIDE	VERTICAL
1054	22.7	103.1–121.7	45.0	6.1	>33.3 Hz	3.2

NOTES:

1. WT IS TOTAL TESTED WEIGHT OF TABLE & 80% OF THE ALLOWABLE PATIENT WEIGHT, AS A MINIMUM.
2. THE UUT SYSTEM WAS TESTED USING THE NORMAL COLUMN OPERATING HEIGHT OF 35.4" & MIDDLE TABLE EXTENSION @ 112.4".
3. NATURAL FREQUENCY MEASURING POINT IS RECORDED ON TABLE TOP OVER COLUMN AXIS.
4. IMRIS BASE PLATE IS OPTIONAL AND IS NOT REQUIRED TO MAINTAIN OSP CERTIFICATION.

SEISMIC TEST PARAMETERS

BLDG CODE	TEST CRITERIA	S_{DS} (g)	z/h	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
2022 CBC	AC156	2.0	1.0	1.5	3.20	2.40	1.34	0.54

NOTE:

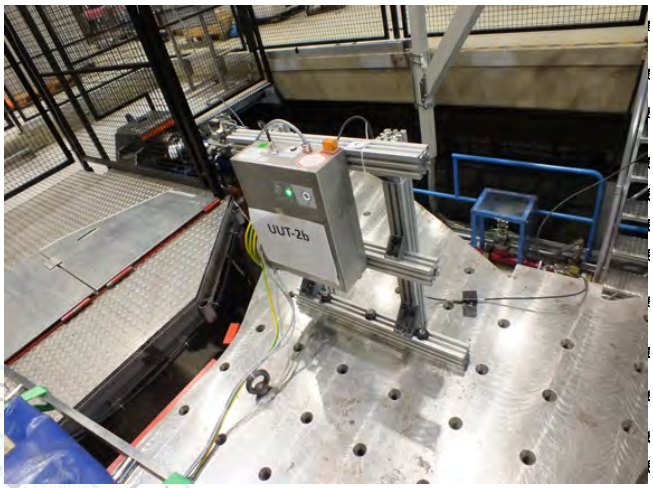
UUT2b REMAINED FULLY FUNCTIONAL AFTER SHAKE TESTING & MET STRUCTURAL INTEGRITY REQUIREMENTS ACCORDING TO AC156

UNIT UNDER TEST UUT2c - 7500 MR COLUMN W/ MR NEURO U TABLETOP

SUBCOMPONENT	MODEL NO.	NAME
1	2065993	EXTERNAL POWER SUPPLY PACK

MOUNTING DETAILS:

1. THE EXTERNAL POWER SUPPLY PACK IS MOUNTED W/ 4– 8mm SCREWS TO A RIGID FRAME ASSEMBLED FROM EXTRUDED ALUMINUM MEMBERS. THE RIGID FRAME IS SEPARATE FROM THE OPERATING TABLE & IS MOUNTED TO THE SHAKER TABLE W/ 3– 24mm BOLTS EACH SPACED 15.75" APART.



MFR: BAXTER MEDICAL SYSTEMS GmbH+ Co. KG

Test Location: iABG, OTTOBRUNN, GERMANY

Test Report Number: TA–B–005623–V1

Test Date: OCTOBER 2024

UUT SYSTEM PROPERTIES – EXTERNAL POWER SUPPLY PACK

WT (LB)	DIMS (IN)			NATURAL FREQUENCY (Hz)		
	WIDTH	DEPTH	HEIGHT	FRONT–BACK	SIDE–SIDE	VERTICAL
31	12.4	5.1	15.6	N/A	N/A	N/A

NOTES:

1. THE TOP OF THE EXTERNAL POWER SUPPLY PACK WAS TESTED AT A MOUNTING HEIGHT OF 28" ABOVE THE SHAKER TABLE SURFACE.

SEISMIC TEST PARAMETERS

BLDG CODE	TEST CRITERIA	S_{DS} (g)	z/h	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
2022 CBC	AC156	2.0	1.0	1.5	3.20	2.40	1.34	0.54

NOTE:

UUT2c REMAINED FULLY FUNCTIONAL AFTER SHAKE TESTING & MET STRUCTURAL INTEGRITY REQUIREMENTS ACCORDING TO AC156