

APPLICATION FOR OSHPD SPECIAL SEISMIC	OFFIC	CE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #:	OSP – 0234
OSHPD Special Seismic Certification Preapproval (OSP)		
Type: 🗌 New 🛛 Renewal		
Manufacturer Information		
Manufacturer: Maquet / Getinge Group		
Manufacturer's Technical Representative: Paul Fraser		
Mailing Address: _ 45 Barbour Pond Drive, Wayne, NJ 07470		
Telephone: (862) 485-5800	aser@getinge.com	
Product Information	MA	
Product Name: Maquet Magnus OR Table System	T	
Product Type: Motorized Operating Table System SP-0234	- Cr	
Product Model Number: See Attachment 1 (List all unique product identification numbers and/or part numbers) Othy J Pila General Description: The Magnus OR table system consists of a ta	nd	accessories, controller
and power supply. DATE: 05/05/2021 Mounting Description: The Magnus OR table: rigid base-mount. Power supply: rigid wall-mount. Image: Comparison of the mount of the	200	
Applicant Information Applicant Company Name: FASE	CODT	
Applicant Company Name: EASE		
Contact Person: Jonathan Roberson, S.E.		
Mailing Address: _5877 Pine Ave, Suite 210, Chino Hills, CA. 91709		
Telephone: (909) 606-7622 Email: j.rober	son@easeco.com	
I hereby agree to reimburse the Office of Statewide Health I accordance with the California Administrative Code, 2016. Signature of Applicant:	Da	
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs" STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15)	MAMM	OSHPD Page 1 of 3



California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: EASE
Name: Jonathan Roberson, S.E. California License Number: S4197
Mailing Address: _5877 Pine Ave, Suite 210, Chino Hills, CA. 91709
Telephone: (909) 606-7622 Email: j.roberson@easeco.com
Supports and Attachments Preapproval
 Supports and attachments are preapproved under OPM- (Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required) Supports and attachments are not preapproved
Certification Method
 Testing in accordance with: ICC-ES AC156 Other (Please Specify): OSP-0234
BY:Timothy J Piland
Testing Laboratory DATE: 05/05/2021
Company Name: Dynamic Certification Laboratories
Contact Name: Austin Brown, P.E., Laboratory Manager
Mailing Address:1315 Greg Street, Suite 109, Sparks, NV 89431
Telephone: (775) 358-5085 Email: austin@shaketest.com

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Seismic Parameters
Design in accordance with ASCE 7-10 Chapter 13: 🖂 Yes 🗌 No
Design Basis of Equipment or Components (Fp/Wp) = <u>See Attachment 1</u>
S _{DS} (Design spectral response acceleration at short period, g) = 2.00
a _p (In-structure equipment or component amplification factor) = <u>1</u>
R _p (Equipment or component response modification factor) = See Attachment 1
Ω_0 (System overstrength factor) = 1 ¹ / ₂
I _p (Importance factor) = 1.5
z/h (Height factor ratio) =
Equipment or Component Natural Frequencies (Hz) = <u>See Attachment 2</u>
Overall dimensions and weight (or range thereof) = See Attachment 1
Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: Yes No Design Basis of Equipment or Components (V/W) =
S _{DS} (Design spectral response acceleration at short period, g) =
Sp1 (Design spectral response acceleration at 1 second period, g) =
R (Response modification coefficient) =
Ω₀ (System overstrength factor) =
C₄ (Deflection amplificat <mark>ion fac</mark> tor) =
I₂ (Importance factor) = 1.5 DATE: 05/05/2021
Height to Center of Gravit <mark>y above</mark> base =
Equipment or Component Natural Frequencies (Hz) =
Overall dimensions and weight (or range thereof) =
Tank(s) designed in accordance with ASME BPVC, 2015: 🔲 Yes 🖾 No
List of Attachments Supporting Special Seismic Certification
 Test Report(s) Drawings Calculations Manufacturer's Catalog Other(s) (Please Specify): Attachments 1 & 2
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2025
Signature: May 5, 2021
Condition of Approval (if applicable):
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15)





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TABLE 1: CERTIFIED COMPONENTS

			Appro	x. Dimensio	ons (in.)	Max. Wt.								
Co	mponent	Model No.	Length	Width	Height	(Lb.)	Mount	Basis [1]	F ₽ / ₩ _P	SDS	z/h	aP	R _P	Ω₀
	S													
	able column with tabletop and I	Carbon Fiber Table ^[4]	106.3	24.4	26.5 - 51.5	1,130 – 1,480 ^[2]	Rigid Base	UUT8a UUT8b UUT8c UUT8d	2.4	2	1	1	1½	1½
	able column with op, accessories ontrol	Basis Table ^[4]	90.5	23.0	26.5 - 51.5	830 – 1,330 ^[3]	Rigid Base	UUT8a UUT8b UUT8c UUT8d	2.4	2	1	1	1½	1½
POWER DI	STRIBUTION				00	F-0234						-	-	
Power Supp	bly	1150.80A0	13.8	5.9		by ⁵⁷ Pi	Rigid Wall	UUT10a UUT10b	1.44	2.0	1	1	21⁄2	2
MOUNT	base.	<u>por):</u> free-standing			05	1051000	-		to a supp	orting stru	ucture and	no latera	l support a	bove th
	 UUT#: INT (Ir other, 2. OR table 3. Patient ta 	Indicates that a un terpolate/Extrapol similar models in t weight range varie ble weight range v configurable. See T	ate): indicate he product li es from self- aries from s	es a model r ine. weight witho self-weight w	not specificall ut patient up ithout patient	y tested, and to a patient l t up to a patie	by which s bad of 350 int load of s	seismic certi Ib. 500 lb.	ification is					-





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TABLE 2: CERTIFIED SUBCOMPONENTS

System M	fr. Maqu	et, Inc.						
System	Magn	us OR Table System						
		TABLE COLU	MNS					
				Dimens	sions (in)			
Model No.	Mfr.	Description	Length	Width	Max. Height*	Weight (lb.)	Material	Basis
118001B1	Maquet	Hybrid OR Table Column, surface-mounted, 16.14" bolt circle	21.3	14.1	46.9	690	Stainless Steel	UUT8a-d, UUT9a
118001B2	Maquet	Hybrid OR Table Column, surface-mounted, 16.14" bolt circle	21.3	14.1	46.9	690	Stainless Steel	SAME
118001B3	Maquet	Hybrid OR Table Column, surface-mounted, 16.14" bolt circle	21.3	14.1	46.9	690	Stainless Steel	SAME
		t is for fully extended position.		NZ.				
TINT SUDCO	imponents are	e structurally identical to those tested in UUT8a-d and UUT9a-d and differ by TABLETOP		change on	y.			
Marial		& OSP-02		Dimension	s (in)			
Model No.	Mfr.	Description	Length	Width	Height	Weight (lb.)	Material	Unit
118010F0	Maquet	Basis Tabletop	D 23.2	21.3	<mark>1</mark> 3.1	176	Stainless Steel	UUT9a-d
118016F0	Maquet	MAGNUS Carbon Fiber Tabletop	86.6	22.0	<mark>2</mark> 0.6	408	Carbon Fiber	INT*
118016F3	Maquet	MAGNUS Carbon Fiber Tabletop	86.6	22.0	<mark>2</mark> 0.6	419	Carbon Fiber	INT*
118016F1	Maquet	MAGNUS Carbon Fiber Tabletop ATE: 05/05/2	94.5	22.0	20.6	419	Carbon Fiber	INT*
118016F2	Maquet	MAGNUS Carbon Fiber Tabletop	94.5	22.0	20.6	430	Carbon Fiber	INT*
118016F4	Maquet	MAGNUS Carbon Fiber Tabletop	106.3	22.0	20.6	430	Carbon Fiber	INT*
118016F5	Maquet	MAGNUS Carbon Fiber Tabletop	106.3	22.0	20.6	440	Carbon Fiber	UUT8a-d
T2857000	Maquet	MAGNUS Carbon Fiber Tabletop	114.2	22.0	20.6	440	Carbon Fiber	INT*
*INT units a	re identical in	construction and within +/- 10% of the weight of the tested units (UUT8a-d).	CC CC					
		CONTROLL						
Model				Dimension				
No.	Mfr.	Description	Length	Width	Height	Weight (lb.)	Material	Unit
118090A0	Maquet	Cable-Connected Hand Control	n/a	3.1	12.8	1.3	Stainless Steel	UUT8a-d, UUT9a-
		POWER SUP						
			-	Dimension	s (in)			
Model No.	Mfr.	Description	Length	Width	Height	M	aterial	Unit
1150.80A0	Maquet	Power Supply Enclosure, NEMA 1	13.8	5.9	15.6		ed coated carbon steel	UUT10a, UUT10
S312/7 S	Powerfit	Battery, 12V	5.9	2.6	3.9		ad Acid	UUT10a, UUT10

Table continues next page





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TABLE 2: CERTIFIED SUBCOMPONENTS

System M System		et, Inc. us OR Table System							
System	Intagi		TABLE TOP ACCES	SORIES					
Model					Dimension	s (in)			
No.	Mfr.	Descri	iption	Length	Width	Height	Weight (lb)	Material	Unit
118055F0	Maquet	Universal Module	A SP-02	6.3 6.3	22.1	7.6	15	Stainless Steel	INT ¹
118032F0	Maquet	Extension Plate	By:Timothy J	Pilano 9.1 021	21.3	7.7	17	Stainless Steel	UUT9a-d
118011G0	Maquet	Motor Driven Joint Module - GYI	N	N 9.1	21.3	9.1	35	Stainless Steel	SAME
118011F0	Maquet	Motor Driven Joint Module - Back Se	ection	9.1	21.3	9.1	35	Stainless Steel	UUT9a-d

Table continues next page





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TABLE 2: CERTIFIED SUBCOMPONENTS

System M		et, Inc.							
System	Magn	us OR Table System							
118053F0	Maquet	Head Rest	- TOP FOR THE	13.8 COM	20.1	5.7	24	Stainless Steel	INT ³
118050F0	Maquet	Head Rest	OSP-02 BY: Timotiny, J	84 14.2 Pilano	21.3	5.7	18	Stainless Steel	UUT9a-d
118031F0	Maquet	Back Plate	DATE: 05/05/2	14.4	21.3	7.7	22	Stainless Steel	UUT9a-d
118055F1	Maquet	Universal Module for Basic Unit		14.9	22.1	7.7	24	Stainless Steel	INT

Table continues next page





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TABLE 2: CERTIFIED SUBCOMPONENTS

System Mfr.	Maquet, Inc.
System N	Magnus OR Table System
118038F0 Maq	uet Universal Elongation Plate USA 21.7 22.9 7.6 25 Stainless Steel UUT9a-d
NOTES 1	





ATTACHMENT 2: TEST SPECIMEN SUMMARY



ATTACHMENT PAGE | 1 OF 5

UUT8a	Hybrid OR table	e column (lully				
Manufacturer:	Maquet, Inc.					
Identification:	118001B1 (Hybrid OR 118016F5 (Magnus Ca 118090A0 (Cable Con	arbon Fiber Table To	p),		- Ares	
Description:	Maquet Magnus Opera • Hybrid OR table • column fully e • carbon fiber table • 350 lb simulated • cable connected	column (Stainless ste extended e top patient mass,				
Mounting:	Rigid Base (Floor) mo The unit was rigid bas plate using six M10x1. table interface plate w threaded rod spaced a	e-mounted to the sha 5 bolts in 16.14" bolt as attached to the sha	circle. The shake ake table with M12	And a state	- Ange	
	Dimensions (in.)	N		Lowes	t Resonant Frequer	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Front-Back	Side-Side	Vertical
106.3	24.4	51.50	1,480	2.3	2.3	9.3
CC-ES AC156 S	hake Table Test Paramet	ters	JSP-0234	m (Code: 2019 C
S _{DS} (G)	z/h	l _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
UUT8b Manufacturer:	1 156 requirements for structure Hybrid OR table Maquet, Inc.	e column (fully	y retracted) w/ c			0.53
-	156 requirements for struct Hybrid OR table Maquet, Inc. 118001B1 (Hybrid OR 118016F5 (Magnus Ca 118090A0 (Cable Con Maquet Magnus Opera • Hybrid OR table of	e column (fully Table Column, surfa arbon Fiber Table Top inected Hand Control ating Table System ir column (Stainless ste	retracted) w/ c	s for functionality after	r AC156 test.	
UUT8b Manufacturer: Identification:	156 requirements for struct Hybrid OR table Maquet, Inc. 118001B1 (Hybrid OR 118016F5 (Magnus Cable Con Maquet Magnus Operation	e column (fully e column, surfa arbon Fiber Table Top nected Hand Control ating Table System in column (Stainless ste etracted e top patient mass, hand control. unted e-mounted to the sha .5 bolts in 16.14" bolt as attached to the sha	Ake table interface circle. The shake ake table with M12	s for functionality after	r AC156 test.	
Init satisfied AC1	Is6 requirements for struct Hybrid OR table Maquet, Inc. 118001B1 (Hybrid OR 118016F5 (Magnus Ca 118090A0 (Cable Con Maquet Magnus Opera • Hybrid OR table • column fully r • carbon fiber table • 350 lb simulated • cable connected Rigid Base (Floor) mo The unit was rigid bass plate using six M10x1. table interface plate w threaded rod spaced a	e column (fully e column, surfa arbon Fiber Table Top nected Hand Control ating Table System in column (Stainless ste etracted e top patient mass, hand control. unted e-mounted to the sha .5 bolts in 16.14" bolt as attached to the sha	Ake table interface circle. The shake ake table with M12	s for functionality after carbon fiber tab	AC156 test.	nt mass
Init satisfied AC1 UUT8b Manufacturer: Identification: Description:	I56 requirements for struct Hybrid OR table Maquet, Inc. 118001B1 (Hybrid OR 118016F5 (Magnus Ca 118090A0 (Cable Con Maquet Magnus Opera • Hybrid OR table Con • Column fully r • carbon fiber table • 350 lb simulated • cable connected Rigid Base (Floor) mo The unit was rigid bass plate using six M10x1. table interface plate w threaded rod spaced a	e column (fully e column (fully e Table Column, surfa arbon Fiber Table Top innected Hand Control ating Table System in column (Stainless ste etracted a top patient mass, hand control. unted e-mounted to the sha .5 bolts in 16.14" bolt as attached to the sha at approximately 8-inc	Ake table interface circle. The shake ake table with M12 ches on-center.	s for functionality after carbon fiber tab	r AC156 test.	nt mass
Init satisfied AC1 UUT8b Manufacturer: Identification: Description: Mounting:	Is6 requirements for struct Hybrid OR table Maquet, Inc. 118001B1 (Hybrid OR 118016F5 (Magnus Ca 118090A0 (Cable Con Maquet Magnus Opera • Hybrid OR table • column fully r • carbon fiber table • 350 lb simulated • cable connected Rigid Base (Floor) mo The unit was rigid bass plate using six M10x1. table interface plate w threaded rod spaced a	e column (fully e column, surfa arbon Fiber Table Top nected Hand Control ating Table System in column (Stainless ste etracted e top patient mass, hand control. unted e-mounted to the sha .5 bolts in 16.14" bolt as attached to the sha	Ake table interface circle. The shake ake table with M12	s for functionality after carbon fiber tab	AC156 test. Detop & patient The second sec	nt mass
Init satisfied AC1 UUT8b Manufacturer: Identification: Description: Mounting: Width 106.3	Is6 requirements for struct Hybrid OR table Maquet, Inc. 118001B1 (Hybrid OR 118016F5 (Magnus Ca 118090A0 (Cable Con Maquet Magnus Opera • Hybrid OR table • column fully r • carbon fiber table • 350 lb simulated • cable connected Rigid Base (Floor) mo The unit was rigid bass plate using six M10x1. table interface plate we threaded rod spaced a Dimensions (in.) Depth	e column (fully e column, surfa arbon Fiber Table Top inected Hand Control ating Table System in column (Stainless ste etracted a top patient mass, hand control. unted e-mounted to the sha .5 bolts in 16.14" bolt as attached to the sha at approximately 8-inc Height 26.50	Ake table interface circle. The shake ake table with M12 ches on-center.	s for functionality after carbon fiber tab carbon fiber tab	AC156 test. Detop & patient Filetop & patient Control of the state	nt mass
Init satisfied AC1 UUT8b Manufacturer: Identification: Description: Mounting: Width 106.3	IS6 requirements for struct Hybrid OR table Maquet, Inc. 118001B1 (Hybrid OR 118016F5 (Magnus Ca 118090A0 (Cable Con Maquet Magnus Opera Hybrid OR table o column fully r carbon fiber table 350 lb simulated cable connected Rigid Base (Floor) mo The unit was rigid bas plate using six M10x1. table interface plate w. threaded rod spaced a Dimensions (in.) Depth 24.4	e column (fully e column, surfa arbon Fiber Table Top inected Hand Control ating Table System in column (Stainless ste etracted a top patient mass, hand control. unted e-mounted to the sha .5 bolts in 16.14" bolt as attached to the sha at approximately 8-inc Height 26.50	Ake table interface circle. The shake ake table with M12 ches on-center.	s for functionality after carbon fiber tab carbon fiber tab	AC156 test. Detop & patient Filetop & patient Control of the state	nt mass



EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

ATTACHMENT 2: TEST SPECIMEN SUMMARY



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UUT8c	Hybrid OR ta	ble column (full	y extended) w/ o	carbon fiber tak	ole top & no pat	tient mass
Manufacturer:	Maquet, Inc.					
Identification:	118016F5 (Magnus	OR Table Column, surfa Carbon Fiber Table To Connected Hand Contro	op),			
Description:	 Hybrid OR tab column ful carbon fiber ta no added mas 	•				,
Mounting:	plate using six M10	ase-mounted to the sh x1.5 bolts in 16.14" bol was attached to the sh	t circle. The shake hake table with M12	Li-		-00
	threaded rod space	ed at approximately 8-in	ches on-center.	Ma.		
		EDFC	ches on-center.	Lowes	t Resonant Frequence	cy (Hz.)
Width	threaded rod space	EDFC	Weight (lb.)	Lowes Front-Back	t Resonant Frequend Side-Side	c y (Hz.) Vertical
Width 106.3	threaded rod space) NEDF			•	,,
106.3	threaded rod space Dimensions (in Depth	.) Height 51.50	Weight (lb.)	Front-Back	Side-Side	Vertical
106.3	Dimensions (in Depth 24.4	.) Height 51.50	Weight (lb.)	Front-Back	Side-Side	Vertical 2.8

UUT8d Hybrid OR table column (fully retracted) w/ carbon fiber tabletop & no patient mass

Manufacturer:	Maquet, Inc.	CP	4		100	
Identification:	118001B1 (Hybrid OF 118016F5 (Magnus C 118090A0 (Cable Cor	arbon Fiber Table T	ōp),	000	MAQUET &	
Description:	Maquet Magnus Oper • Hybrid OR table o column fully • carbon fiber tabl • no added mass cable connected hand	column (Stainless s retracted e top	•			
Mounting:	Rigid Base (Floor) mo The unit was rigid bas plate using six M10x1 table interface plate w threaded rod spaced	e-mounted to the sl .5 bolts in 16.14" bo as attached to the s	olt circle. The shake shake table with M12		a g à	
	Dimensions (in.)			Lowes	st Resonant Frequer	ncy (Hz.)
Width	Depth	Height	Weight (lb.)	Front-Back	Side-Side	Vertical
106.3	24.4	51.50	1,130	5.8	6.0	8.0
ICC-ES AC156 SI	hake Table Test Parame	ters				Code: 2019 CBC
S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5	3.20	2.40	1.33	0.53
Unit satisfied AC1	56 requirements for struc	ural integrity and ma	anufacturer requireme	nts for functionality afte	er AC156 test.	



UUT9a

EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

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ATTACHMENT 2: TEST SPECIMEN SUMMARY

Manufacturer:	Maquet, Inc.					
Identification:	118010F0 (Basis Ta 118031F0, 118032F 118011F0 (Motor Di 118038F0 (Universa 118050F0 (Head Re	F0 (Back Plate), riven Joint Module - Bac al Elongation Plate USA	ck Section), N,			
Description:	 Hybrid OR tabl column full stainless stell E 	Basis table top ed patient mass,				K
Mounting:	plate using six M10x table interface plate	nounted ase-mounted to the sha <1.5 bolts in 16.14" bolt was attached to the sh d at approximately 8-inc	circle. The shake ake table with M12			
	Dimensions (in.)	UN C	CUDD	Lowes	t Resonant Frequen	cy (Hz.)
Width	Depth	Height	Weight (lb.)	Front-Back	Side-Side	Vertical
90.5	23	51.50	1,330 J	5.0	4.8	5.5
CC-ES AC156 S	hake Table Test Param	ieters	98F-0234			Code: 2019 CI
	z/h	IP	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
S _{DS} (G)						
2.0 Init satisfied AC1 UUT9b		1.5 Y.TIN ctural integrity and mar DATE: Die column (fully	Oth 3.20 PII nufacturer requirements			0.53
2.0	56 requirements for stru Hybrid OR tak Maquet, Inc. 118001B1 (Hybrid C 118010F0 (Basis Ta 118031F0, 118032F 118011F0 (Motor DI 118038F0 (Universa 118050F0 (Head Re	DR Table Column, surfa able Top), To (Back Plate), riven Joint Module - Bac al Elongation Plate USA est),	ace-mounted), (),	s for functionality after	r AC156 test.	
2.0 Jnit satisfied AC1 UUT9b Manufacturer:	56 requirements for stru Hybrid OR tak Maquet, Inc. 118001B1 (Hybrid C 118010F0 (Basis Ta 118031F0, 118032F 118031F0, 118032F 118038F0 (Universa 118050F0 (Head Re 118090A0 (Cable-C Maquet Magnus Op • Hybrid OR tabl • column full • stainless stell E	DR Table Column (fully DR Table Column, surfate able Top), To (Back Plate), Triven Joint Module - Bac al Elongation Plate USA est), onnected Hand Control erating Table System ir e column (Stainless stee y retracted Basis table top ed patient mass,	Ace-mounted), (), (), (), (), (), (), (), (), (), (s for functionality after	r AC156 test.	
2.0 Init satisfied AC1 UUT9b Manufacturer: Identification:	56 requirements for stru Hybrid OR tak Maquet, Inc. 118001B1 (Hybrid C 118001B1 (Hybrid C 118031F0, 118032F 118031F0, 118032F 118031F0, 118032F 118030F0 (Metar Du 118030F0 (Head Re 118090A0 (Cable-C Maquet Magnus Op • Hybrid OR tabl • column fully • stainless stell E • 500 lb simulate cable connected har <u>Rigid Base (Floor) n</u> The unit was rigid by plate using six M10y table interface plate	DR Table Column, surfate able Top), To (Back Plate), Triven Joint Module - Back al Elongation Plate USA est), onnected Hand Control erating Table System ir e column (Stainless ster y retracted Basis table top ed patient mass, and control.	Ake table interface circle. The shake table with M12	s for functionality after	r AC156 test.	
2.0 Init satisfied AC1 UUT9b Manufacturer: Identification:	56 requirements for stru Hybrid OR tak Maquet, Inc. 118001B1 (Hybrid C 118001B1 (Hybrid C 118031F0, 118032F 118031F0, 118032F 118031F0, 118032F 118030F0 (Metar Du 118030F0 (Head Re 118090A0 (Cable-C Maquet Magnus Op • Hybrid OR tabl • column fully • stainless stell E • 500 lb simulate cable connected har <u>Rigid Base (Floor) n</u> The unit was rigid by plate using six M10y table interface plate	De Column (fully De Column, surfa able Top), To (Back Plate), riven Joint Module - Baa al Elongation Plate USA est), onnected Hand Control erating Table System ir e column (Stainless ste y retracted Basis table top ed patient mass, nd control. <u>nounted</u> ase-mounted to the sha (1.5 bolts in 16.14" bolt was attached to the sha d at approximately 8-inc	Ake table interface circle. The shake table with M12	asis table top	r AC156 test.	s
2.0 Init satisfied AC1 UUT9b Manufacturer: Identification:	56 requirements for stru Hybrid OR tak Maquet, Inc. 118001B1 (Hybrid C 118010F0 (Basis Ta 118031F0, 118032F 118031F0, 118032F 118050F0 (Head Re 118090A0 (Cable-C Maquet Magnus Op • Hybrid OR tabl • column full • stainless stull • 500 lb simulate cable connected hat <u>Rigid Base (Floor) n</u> The unit was rigid ba plate using six M100 table interface plate threaded rod space	De Column (fully De Column, surfa able Top), To (Back Plate), riven Joint Module - Baa al Elongation Plate USA est), onnected Hand Control erating Table System ir e column (Stainless ste y retracted Basis table top ed patient mass, nd control. <u>nounted</u> ase-mounted to the sha (1.5 bolts in 16.14" bolt was attached to the sha d at approximately 8-inc	Ake table interface circle. The shake table with M12	asis table top	AC156 test.	s
2.0 nit satisfied AC1 UUT9b Manufacturer: Identification: Description:	56 requirements for stru Hybrid OR tak Maquet, Inc. 118001B1 (Hybrid C 118001B1 (Hybrid C 118031F0, 118032F 118031F0, 118032F 118031F0, 118032F 118038F0 (Universa 118050F0 (Head Re 118090A0 (Cable-C Maquet Magnus Op • Hybrid OR tabl • column full • stainless stell E • 500 lb simulate cable connected har Rigid Base (Floor) n The unit was rigid ba plate using six M10 table interface plate threaded rod space Dimensions (in.)	DR Table Column, surfate able Top), To (Back Plate), Triven Joint Module - Bac al Elongation Plate USA east), onnected Hand Control erating Table System ir e column (Stainless stee y retracted Basis table top ed patient mass, nd control. <u>nounted</u> ase-mounted to the sha (1.5 bolts in 16.14" bolt was attached to the sha	Ace-mounted), (CK Section), (CK Se	s for functionality after asis table top The second s	t Resonant Frequent	s cy (Hz.)
2.0 Init satisfied AC1 UUT9b Manufacturer: Identification: Description: Mounting: Width 90.5	56 requirements for stru Hybrid OR tak Maquet, Inc. 118001B1 (Hybrid C 118010F0 (Basis Ta 118031F0, 118032F 118011F0 (Motor Du 118038F0 (Universa 118050F0 (Head Re 118090A0 (Cable-C Maquet Magnus Op • Hybrid OR tabl • column fully • stainless stell E • 500 lb simulate cable connected har Rigid Base (Floor) n The unit was rigid ba plate using six M10y table interface plate threaded rod spaced Dimensions (in.)	DR Table Column, surfate able Top), To (Back Plate), Triven Joint Module - Bac al Elongation Plate USA est), onnected Hand Control erating Table System ir e column (Stainless stee y retracted Basis table top ad patient mass, nd control. <u>mounted</u> asse-mounted to the sha (1.5 bolts in 16.14" bolt was attached to the sha d at approximately 8-inc Height 51.50	Ace-mounted), (retracted) w/ B (retracted) w/	a for functionality after asis table top The second s	t Resonant Frequent Side-Side	s cy (Hz.) Vertical
2.0 Init satisfied AC1 UUT9b Manufacturer: Identification: Description: Mounting: Width 90.5	56 requirements for stru 56 requirements for stru Maquet, Inc. 118001B1 (Hybrid C 118001B7 (Hybrid C 118031F0, 118032F 118031F0, 118032F 118031F0, 118032F 118030F0 (Motor Dr 118038F0 (Universa 118050F0 (Head Re 118090A0 (Cable-C Maquet Magnus Op • Hybrid OR tabl • column full • stainless stell E • 500 lb simulate cable connected hai Rigid Base (Floor) n The unit was rigid ba plate using six M10 table interface plate threaded rod spaced Dimensions (in.) 23	DR Table Column, surfate able Top), To (Back Plate), Triven Joint Module - Bac al Elongation Plate USA est), onnected Hand Control erating Table System ir e column (Stainless stee y retracted Basis table top ad patient mass, nd control. <u>mounted</u> asse-mounted to the sha (1.5 bolts in 16.14" bolt was attached to the sha d at approximately 8-inc Height 51.50	Ace-mounted), (retracted) w/ B (retracted) w/	a for functionality after asis table top The second s	t Resonant Frequent Side-Side	s cy (Hz.) Vertical 3.5

Hybrid OR table column (fully extended) w/ Basis table top & patient mass

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ATTACHMENT 2: TEST SPECIMEN SUMMARY

UUT9c	Hybrid OR ta	ble column (ful	ly extended) w/	Basis table top	& no patient m	ass
Manufacturer:	Maquet, Inc.				XXX	
Identification:	118010F0 (Basis T 118031F0, 118032 118011F0 (Motor E 118038F0 (Univers 118050F0 (Head R	F0 (Back Plate), priven Joint Module - B al Elongation Plate US	ack Section), SA),			
Description:	 Hybrid OR tab column ful 	Basis table top s	5			
Mounting:	plate using six M10 table interface plate	mounted pase-mounted to the sl x1.5 bolts in 16.14" bo was attached to the s d at approximately 8-i	olt circle. The shake shake table with M12	MAD		
	Dimensions (in			Lowes	t Resonant Frequen	cy (Hz.)
Width	Depth	Height	Weight (lb.)	Front-Back	Side-Side	Vertical
90.5	23	51.50	830	4.5	5.3	18.3
ICC-ES AC156 S	hake Table Test Parar	neters	037-0234			Code: 2019 CBC
S _{DS} (G)	z/h	l _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)
2.0	1	1.5Y: 11	mothy _{3.20} Pila	nd 2.40	1.33	0.53
Unit satisfied AC1	56 requirements for str	uctural integrity and m	anufacturer requiremen	ts for functionality afte	r AC156 test.	
		DATE	05/05/2021			
UUT9b	Hybrid OR ta	ble column (ful	ly retracted) w/ I	Basis table top	& no patient m	ass

UUT9b	Hybrid OR table column (fully retracted) w/ Basis table top & no patient mass						
Manufacturer:	Maquet, Inc.	Z					
Identification:	118001B1 (Hybrid OR 118010F0 (Basis Tabl 118031F0, 118032F0 118011F0 (Motor Driv 118038F0 (Universal I 118050F0 (Head Rest 118090A0 (Cable-Cor	e Top), (Back Plate), en Joint Module - B Elongation Plate US t),	ack Section),				
Description:	Maquet Magnus Oper Hybrid OR table (column fully r stainless stell Ba no added mass cable connected hand	column (Stainless s retracted sis table top	•				
Mounting:	Rigid Base (Floor) mo The unit was rigid bas plate using six M10x1. table interface plate w threaded rod spaced a	e-mounted to the sh .5 bolts in 16.14" bo as attached to the s	It circle. The shake hake table with M12				
Dimensions (in.)				Lowest Resonant Frequency (Hz.)			
Width	Depth	Height	Weight (lb.)	Front-Back	Side-Side	Vertical	
90.5	23	51.50	830	12.8	11.3	7.8	
CC-ES AC156 S	hake Table Test Paramet	ters				Code: 2019 CBC	
a (a)	z/h	l _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)	
S _{DS} (G)							

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ATTACHMENT 2: TEST SPECIMEN SUMMARY

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UUT10a **Power Supply** Manufacturer: Maquet, Inc. Identification: 1150.80A0 (Power Supply) Description: Component of the Maquet Magnus Operating Table System Power supply including: Powder-coated carbon steel enclosure, NEMA 1 12V battery Mounting: Rigid wall mounted using using four 1/4-inch diameter Grade 5 bolts. The shake table interface wall fixture was attached to the shake table with M12 threaded rod spaced at approximately 8-inches on-center. **Dimensions (in.)** Lowest Resonant Frequency (Hz.) Width Depth Height Weight (lb.) Front-Back Side-Side Vertical 13.8 5.9 15.6 57 ------ICC-ES AC156 Shake Table Test Parameters Code: 2019 CBC S_{DS} (G) z/h I_P A_{FLX-H} (G) A_{RIG-H} (G) A_{FLX-V} (G) $A_{RIG-V}(G)$ 1.33 0.53 2.0 1 1.5 3.20 2.40 Unit satisfied AC156 requirements for structural integrity and manufacturer requirements for functionality after AC156 test. 05/05/2021 UUT10b Power Supply

Manufacturer:	Maquet, Inc.	C A	*	6			
Identification:	1150.80A0 (Power	Supply)	BLUI DING	COL			
Description:	Component of the Maquet Magnus Operating Table System Power supply including: Powder-coated carbon steel enclosure, NEMA 1 12V battery						
Mounting:	Rigid wall mounted u using four 1/4-inch di interface wall fixture v threaded rod spaced	ameter Grade 5 bolts vas attached to the s	shake table with M12				
	Dimensions (in.)			Lowest Resonant Frequency (Hz.)			
Width	Depth	Height	Weight (lb.)	Front-Back	Side-Side	Vertical	
13.8	5.9	15.6	57				
ICC-ES AC156 S	hake Table Test Parame	ters				Code: 2019 CBC	
S _{DS} (G)	z/h	I _P	A _{FLX-H} (G)	A _{RIG-H} (G)	A _{FLX-V} (G)	A _{RIG-V} (G)	
2.0	1	1.5	3.20	2.40	1.33	0.53	
Unit satisfied AC1	56 requirements for struc	tural integrity and ma	anufacturer requiremen	ts for functionality after	r AC156 test.	-	