

Report No.: GZES100700146701

Date: 2010-10-21

Applicant:

HoMedics Group Ltd.

HoMedics House, Somerhill Business Park, Five Oak Green Road, Tonbridge, Kent

TN11 0GP England

Manufacturer:

Testing location/address:

SGS-CSTC Standards Technical Services Co., Ltd. - E&E Lab Guangzhou

198 Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development

District, Guangzhou, Guangdong, China 510663

The standards:

BS EN / EN 60335-1: 2002 + A11: 2004 + A1: 2004 + A12: 2006 + A2: 2006 + A13: 2008

+ A14: 2010

BS EN / EN 60335-2-32: 2003 + A1: 2008

BS EN / EN 62233: 2008

Test item description:

FOOT AND CALF MASSAGER

Trade Mark:

HOMEDICS®

Test object / Model:

FC-200H-EU, FC-200H-GB

Ratings:

220 V - 240 V, 50 Hz - 60 Hz, 55 W, Class II

Test result:

In the opinion of SGS-CSTC the presented appliance was found to be in compliance

Who will

with the test specification as indicated in the details on the following pages.

Remark:

P.O. No.: PC0000405

Jason Hoo Reviewer

E&E Safety Laboratory

Kyle Zhang Project Engineer

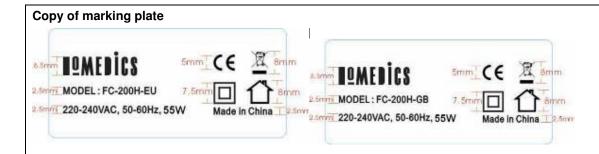
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Summary of testing:

Tests according to the following standards were carried out:

BS EN / EN 60335-1: 2002 + A11: 2004 + A1: 2004 + A12: 2006 + A2: 2006 + A13: 2008 + A14: 2010

BS EN / EN 60335-2-32: 2003 + A1: 2008

BS EN / EN 62233: 2008

The submitted samples fulfil the requirements of the relevant standards.

Test item particulars	-
Classification of installation and use	Portable appliance
Supply connection:	Non detachable power cord fitted with plug
Operating condition	Continuous
Possible test case verdicts:	
- test case does not apply to the test object:	N/A
- test object does meet the requirement:	P (Pass)
- test object does not meet the requirement:	F (Fail)
Testing	
Date of receipt of test item:	2010-07-15
Date (s) of performance of tests:	2010-07-15 to 2010-10-21

General product information:

The massage appliance for household and indoor uses only.

The models FC-200H-EU and FC-200H-GB are identical except that FC-200H-EU uses EU plug, FC-200H-GB uses BS plug.

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	BS EN / EN 60335-1 and BS EN / EN 60335-2-32				
Claus	Se	Remarks	Verdict		
7.	Marking and instructions		Р		
8.	Protection against access to live parts		Р		
9.	Starting of motor-powered appliances		N/A		
10.	Power input and current	(see appended table)	P		
11.	Heating	(see appended table)	P		
13.	Leakage current and electric strength at operating temperature	(see appended table)	Р		
14	Transient overvoltages		N/A		
15.	Moisture resistance		Р		
16.	Leakage current and electric strength	(see appended table)	Р		
17.	Overload protection of transformer and associated circuits	(see appended table)	Р		
18.	Endurance		N/A		
19.	Abnormal operation	(see appended table)	P		
20.	Stability and mechanical hazards	(see appended table)	Р		
21.	Mechanical strength	,	Р		
22.	Construction		P		
23.	Internal wiring		P		
24.	Components	(see appended table)	Р		
25.	Supply connection and external flexible cords	(000 appoinant table)	P		
26.	Terminals for external conductors		P		
27.	Provisions for earthing		N/A		
28.	Screws and connections		P		
29.	Clearances, creepage distances and solid insulation	(see appended table)	P		
30.	Tracking to Resistance to heat, fire	(see appended table)	Р		
31.	Resistance to rusting	(See appended table)	P		
32.	Radiation, toxicity and similar hazards		P		
	<u> </u>		Ρ		
Anne: Routi	x A ne tests		N/A		
Anne: Applia	x B ances powered by rechargeable batteries		N/A		
Anne			N/A		
Anne: Therr	x D nal motor protectors		N/A		
Anne			Р		
Anne			N/A		
Anne	x G		N/A		
Safety isolating transformers Annex H					
Switc	hes		N/A		
Anne: Motor	x I is having basic insulation that is inadequate for th	e	N/A		

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rated voltage of the appliance	
Annex J	N/A
Coated printed circuit boards	IN/A
Annex K	Р
Overvoltage categories	Г
Annex L	Р
Guidance for the measurement of clearances	'
Annex M	Р
Pollution degree	ľ
Annex N	N/A
Proof tracking test	IN/A
Annex O	Р
Selection and sequence of the tests of clause 30	ı ı
Annex P	
Guidance for the application of this standard to	N/A
appliances used in warm damp equable climates	
Annex Q	Р
Sequence of tests for the evaluation of electronic circuits	ı
Annex R	N/A
Software evaluation	IN/A

ANNEX E	ANNEX EMF				
	The Tested product also complies to the requiremen	ts of EN 62233: 2008	_		
	Limit100%	Measured max.: 38,4 %	Р		

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ANNEX 1: Data Table

10.1 TABLE: Power input deviation							Р
Input deviation	of/at:	P rated (W)	P measured (W)	Dp	Required Dp	F	Remark
220 V – 240 V	/ / 230 V, 50 Hz	55	54,4	-1,1%	+20%		_
220 V – 240 V	/ / 230 V, 60 Hz	55	52,7	-4,2%	+20%		_
Only massage heating function		55	27,7	-49,6%			>50%

Remark: The deviation for motor-operated appliances applies for combined appliances if the power input of the motors is more than 50 % of the rated power input.

11.8 TABLE: Heating test, thermocouples				Р	
	Test voltage (V)	:	254,4	_	
	Ambient (°C)	:	t ₁ : 24,5 t ₂ : 24,7	_	
Thermod	hermocouple locations dt (K) Max. dt		Max. dt (K)	
Foot unit	t		·		
Power c	ord	19,5	50		
X capac	itor surface	28,1	T100-25=7	5	
Dividing	capacitor surface	26,5	T100-25=7	5	
Power P	СВ	33,6	120		
Internal	wire	21,6	T80-25=55	5	
	rmer winding (YYPT48240900V) / rmer bobbin	42,5	85(class 130) / For c	lause 30.1	
	rmer winding (GQPT-41120600V) / rmer bobbin	31,2	80(class 120) / For c	lause 30.1	
	VNRC-560SAP-21290-108VK) / motor bobbin / motor top cover	67,3	80(class 120) / Fo 30.1	or clause	
Massage	e head cover holder / ring holder	23,4	For clause 3	0.1	
Massage	e head cover (inside)	33,5	For clause 3	0.1	
Massage	e head cover (outside)	40,9	50 / for clause	30.1	
Applianc	ce bottom enclosure (inside)	50,2	For clause 3	For clause 30.1	
Calf unit			•		
PCB cor	ntroller	9,9	120		
Applianc	e back cover	7,3	For clause 3	0.1	

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Motor winding (WNRC-390SM-17220-76VK)	48,2	80 (class 120)
Motor winding (WNRC-560SAP-19305-80VD)	32,9	65 (class 105)
PCB for massage head	94,1	120
Massage head cover (inside)	51,7	For clause 30.1
Massage surface (accessible massage)	8,9	50
Control panel surface	6,2	60
Control panel (inside)	8,3	For clause 30.1
Control PCB back cover (inside)	11,0	For clause 30.1
Remote controller surface	5,8	60
PCB for Remote controller	2,8	120
Test floor	16,4	65

13.2 TABLE: Leakage current					Р
	Heating appliances: 1.15 x rated input:		_		_
	Motor-operated and combined appliances: 1.06 x rated voltage		254,4 V		
Leakage cur	rent between	l (r	nA)	Max. allowe	d I (mA)
		L	N		
Live part and	accessible plastic surface	0,01	0,01	0,25	

13.3	TABLE: Electric strength			Р
Test voltage	applied between:	Voltage (V)	Breakdo (Yes/N	
Live part and	accessible plastic surface	3000	No	

16.2	.2 TABLE: Leakage current			
	Single phase appliances: 1.06 x rated voltage:	254,4 V	•	_
	Three phase appliances 1.06 x rated voltage — divided by √3::		_	
Leakage current between		I (mA)	Max. allowe	d I (mA)
Live part and	Live part and accessible plastic surface		0,25	j

16.	3	TABLE: Electric strength	Р	
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Test voltage applied between:	Voltage (V)	Breakdown (Yes/No)
Live part and accessible plastic surface	3000	No

17	TABLE: Overload protection, temperature rise					
Temperature	e rise of part/at:	T (°C)	Max. T	(°C)		
Transformer	winding (YYPT48240900V)	112,7	225	,		
Transformer	winding (GQPT-41120600V)	89,4	215	;		

19.13	TABLE: Abnorma	l operation, tem	perature rises			Р
Thermo	couple locations		Max. dT (K)			
		19.2	19.3	19.4	19.7	
Foot un	it					
Power of	cord	17,2	21,8	21,6	12,9	150
Massage head cover		52,7	44,6	90,0	36,2	For clause 30.1
Appliane enclosu	ce bottom re	43,6	64,0	62,8	49,7	For clause 30.1
Foot massage motor		_	_	_	93,4	190
Motor to	op cover	58,2	82,0	89,4	93,4	For clause 30.1
Calf uni	t					
Appliane enclosu		6,2	6,4	5,3	12,6	For clause 30.1
Massag	e head cover	37,2	49,5	33,6	58,3	For clause 30.1
	rinding (WNRC- 17220-76VK)		_	_	64,7	175
	vinding (WNRC- P-19305-80VD)	_	_	_	61,8	125
Motor housing		39,0	57,1	50,2	64,7	For clause 30.1
Control panel (inside)		7,0	7,4	6,4	3,1	For clause 30.1
Control PCB back cover		8,8	10,2	8,9	3,5	For clause 30.1
Test floor		14,7	17,6	15,2	10,8	150

24.1	TABI	TABLE: Components									
Object / par		Manufacturer/ trademark	Type / model	Technical data		Mark(s	,				

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-		1		1	
Plug	Kenic Electric Mfg, Co., Ltd.	KE-21	AC 250 V ; 2,5 A	EN 50075	VDE 97182
Power cord	Kenic Electric Mfg, Co., Ltd.	H05VVH2-F 60227 IEC 53	2 x 0,75 mm ²	DIN VDE 0281-5	VDE 103853
X capacitor	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	AC 280 V; X2; 0,22 uF;40/100/21	EN 60384-14	VDE 40008924
X capacitor (alternative)	Carli Electronics Co., Ltd.	MPX	AC 275 V; X2; 0,22 uF;40/100/21	EN 60384-14	VDE 40008520
Fuse	Walter Electronic Co., Ltd.	SGP	AC 250 V; 1,5 A	EN 60335-1 EN 60335-2- 32	Tested with appliance UL E56092
Dividing Capacitor	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	AC 280 V; X2; 1,2 uF; 40/100/21	EN 60384-14	VDE 40008924
Dividing Capacitor (alternative)	Carli Electronics Co., Ltd.	MPX	AC 275 V; X2; 1,2 uF; 40/100/21	EN 60384-14	VDE 40008520
Internal wire	ZI LI ELECTRONIC CO LTD	1007	22 AWG, 300 V, 80℃	EN 60335-1 EN 60335-2- 32	Tested with appliance UL E254016
Internal wire	SHUN HUI ELECTRONIC CO LTD	2464	26 AWG, 300 V, 80℃, Insulation thickness > 1 mm	EN 60335-1 EN 60335-2- 32	Tested with appliance UL E251672
Transformer	GANGQI(DONGGU AN) ELECTRONIC CO., LTD	GQPT- 41120600V	I/P: 230 VAC, 50 Hz O/P: 12 VAC, 600 mA, Class 130	EN 60335-1 EN 60335-2- 32	Tested with appliance
Thermal link for Transformer	AUPO(XIAMEN) ELECTRONICSLTD	_	250 V, 2 A, 130℃	EN 60335-1 EN 60335-2- 32	Tested with appliance
Transformer	GANGQI(DONGGU AN) ELECTRONIC CO., LTD	YYPT- 48240900V	I/P: 230 VAC, 50 Hz O/P: 24 VAC, 900mA, Class 130	EN 60335-1 EN 60335-2- 32	Tested with appliance
Thermal link for Transformer	AUPO(XIAMEN) ELECTRONICSLTD	_	250 V, 2A, 125℃	EN 60335-1 EN 60335-2- 32	Tested with appliance
Temperature limiter for massage head	Jiangyin Tonghui Electronics Co., Ltd.	TH-B2D	AC 250 V, Tf: 80 °C, 850 °C	EN 60335-1 EN 60335-2- 32 EN 60730-1 EN 60730-2-2	Tested with appliance VDE 40020604

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Foot massage motor	Shen Zhen Dong Fu Chang Motor Co., Ltd	WNRC- 560SAP- 21290-108VK	24 VDC; 0,13 A; Class 120	EN 60335-1 EN 60335-2- 32	Tested with appliance
Thermal link for Foot massage motor	Matsushita Electric Ind. Co. Ltd.	F115	AC 250 V, 1 A, 115℃	EN 60691	VDE 40012230
Up-down Motor for calf unit	Shen Zhen Dong Fu Chang Motor Co., Ltd	WNRC- 390SM-17220- 76VK	12 VDC; 0,14 A	EN 60335-1 EN 60335-2- 32	Tested with appliance
Vibrating Motor for calf unit	Shen Zhen Dong Fu Chang Motor Co., Ltd	WNRC- 560SAP- 19305-80VD	24 VDC; 0,12 A	EN 60335-1 EN 60335-2- 32	Tested with appliance
PCB	MEI ZHOU LI YU DA CRICUIT BOARD CO LTD	LYD-2	V-0	EN 60335-1 EN 60335-2- 32	Tested with appliance UL E320265
Massage head cover	SAMSUNG BENERAL CHEMICACS CO LTD	HJ730+	PP, HB	EN 60335-1 EN 60335-2- 32	Tested with appliance UL E140331
Foot unit top cover	CHI MEI CORPORATION	PA-707	ABS, HB	EN 60335-1 EN 60335-2- 32	Tested with appliance UL E56070
Appliance bottom cover	LCY CHEMICAL CORP	6331	PP, HB	EN 60335-1 EN 60335-2- 32	Tested with appliance UL E85783
Appliance top cover	CHI MEI CORPORATION	PA-765(+)	ABS, HB	EN 60335-1 EN 60335-2- 32	Tested with appliance UL E56070

29.1	TAI	TABLE: Clearances								
	Ove	ervoltage	category:		II					
				Туре с	of insulation:					
	Rated impulse Voltage (V): Min. cl Basic (mm) (mm)			Functional (mm)	Supplementary (mm)	Reinforced (mm)	Verdict / Ren	nark		
330		0,5*	_	_	_	_	N/A			
500		0,5*	_	_	_		N/A			
800		0,5*			_		N/A			
1500		0,5*/**	_	_		_	N/A			

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2500	1,5**	_	a) 5,2 mm	b) 13,5 mm	_	P / a) B/W L&N of supply in Main PCB b) B/W Internal wire and accessible plastic enclosure
4000	3,0**	_	_	_	c) 7,8 mm	P / c) B/W Live part in control PCB and accessible surface
6000	5,5**	_	_	_	_	N/A
8000	8,0**	_	_		_	N/A
10000	11,0**	_	_	_	_	N/A

Remark:

^{**)} If the construction is affected by wear, distortion, movement of the parts or during assembly, the value is increased by 0,5 mm

29.2 TABLE	: Creep	age dista	ances, b	asic, supp	olementa	ary and r	einforced	insulat	tion		Р
Working voltage (V)		Creepage distance (mm) Pollution degree							_		
	1		2			3		Туре	of insu	lation	_
		M	aterial g	roup	М	aterial g	roup		_		_
		I	II	IIIa/IIIb	I	II	IIIa/IIIb	B*)	S*)	R*)	Verdict
≤50	0,2	0,6	0,9	1,2	1,5	1,7	1,9			_	N/A
≤50	0,2	0,6	0,9	1,2	1,5	1,7	1,9	_		_	N/A
≤50	0,4	1,2	1,8	2,4	3,0	3,4	3,8	_	_		N/A
>50 and ≤125	0,3	0,8	1,1	1,5	1,9	2,1	2,4		_	_	N/A
>50 and ≤125	0,3	0,8	1,1	1,5	1,9	2,1	2,4	_		_	N/A
>50 and ≤125	0,6	1,6	2,2	3,0	3,8	4,2	4,8	_	_		N/A
>125 and ≤250	0,6	1,3	1,8	2,5	3,2	3,6	4,0		_	_	N/A
>125 and ≤250	0,6	1,3	1,8	2,5	3,2	3,6	4,0	_	13,5 mm	_	P(b)
>125 and ≤250	1,2	2,6	3,6	5,0	6,4	7,2	8,0	_	_	9,5 mm	P(c)
>250 and ≤400	1,0	2,0	2,8	4,0	5,0	5,6	6,3				N/A
>250 and ≤400	1,0	2,0	2,8	4,0	5,0	5,6	6,3				N/A
>250 and ≤400	2,0	4,0	5,6	8,0	10,0	11,2	12,6				N/A

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^{*)} The value is increased to 0,8mm for pollution degree 3



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>400 and ≤500	1,3	2,5	3,6	5,0	6,3	7,1	8,0		_	_	N/A
>400 and ≤500	1,3	2,5	3,6	5,0	6,3	7,1	8,0	_		_	N/A
>400 and ≤500	2,6	5,0	7,2	10,0	12,6	14,2	16,0	_	_		N/A
>500 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0		_	_	N/A
>500 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	_		_	N/A
>500 and ≤800	3,6	6,4	9,0	12,6	16,0	18,0	20,0	_	_		N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5		_	_	N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	_		_	N/A
>800 and ≤1000	4,8	8,0	11,2	16,0	20,0	22,0	25,0	_	_		N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0		_	_	N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	_		_	N/A
>1000 and ≤1250	6,4	10,0	14,2	20,0	25,0	28,0	32,0	_			N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0			_	N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	_		_	N/A
>1250 and ≤1600	8,4	12,6	18,0	25,0	32,0	36,0	40,0	_	_		N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0		_	_	N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0				N/A
>1600 and ≤2000	11,2	16,0	22,0	32,0	40,0	44,0	50,0				N/A
*), B=Basic, S=Supple	ementa	ary and f	R=Reinfo	orced							

29.2	TABLE:	Creepa	age dista	ances, fu	ınctional i	nsulation	า			Р
Working (V	_			Creep P	_					
		1	2			3			_	
			Ma	aterial g	oup	Ma	aterial g	roup	_	
			I	II	IIIa/IIIb	a/IIIb I II IIIa/IIIb		IIIa/IIIb	Verdict / Remark	
≤5	0	0,2	0,6	0,8	1,1	1,4	1,6	1,8	N/A	
>50 and	d ≤125	0,3	0,7	1,0	1,4	1,8	2,0	2,2	N/A	
>125 an	d ≤250	0,4	1,0	1,4	2,0	2,5	2,8	3,2	P(1) 5,2 m	m
>250 an	d ≤400	0,8	1,6	2,2	3,2	4,0	4,5	5,0	N/A	
>400 an	d ≤500	1,0	2,0	2,8	4,0	5,0	5,6	6,3	N/A	
>500 an	d ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	N/A	
>800 and	d ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	N/A	

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>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	N/A

30.1 TABLE: Ball press	ure			Р
Part	Test temperature (°C)	Impression diameter (mm)	Allowed in diameter	
Foot unit				
Transformer bobbin (GQPT-41120600V)	125	1,2	2	.0
Transformer bobbin (YYPT-48240900V)	125	1,1	2	.0
Foot unit top cover / ring holder	125	1,2	2.	,0
Massage head cover holder	125	1,3	2	,0
Appliance bottom cover	100	1,9	2	0,
Motor bobbin (WNRC-560SAP-21290-108VK)	125	1,3	2	.0
Calf unit				
Control PCB back cover	75	0,3	2	,0
Motor bobbin (WNRC-390SM- 17220-76VK)	125	1,3	2	0
Motor bobbin (WNRC-560SAP-19305-80VD)	125	1,5	2,0	

30.2	TABLE: Glow-w	vire test		
Part		Test temperature (°C)	result / observation	Remark
Appliance bottom cover		650	Pass / no flame, no glowing drops.	_
Control PCB back cover		650	Pass / no flame, no glowing drops.	_
Motor bobbin (WNRC- 390SM-17220-76VK)		650	Pass / no flame, no glowing drops.	_
Motor bobbin (WNRC- 560SAP-19305-80VD)		650	Pass / no flame, no glowing drops.	_
Motor bobbi 560SAP-212		650	Pass / no flame, no glowing drops.	_
Transformer (GQPT-411)		650	Pass / no flame, no glowing drops.	_
Transformer 48240900V)	r bobbin (YYPT-	650	Pass / no flame, no glowing drops.	_

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Massage head cover for foot unit	550	Pass / no flame, no glowing drops.	_
Massage head cover for calf unit	550	Pass / no flame, no glowing drops.	_
Control PCB back cover	550	Pass / no flame, no glowing drops.	_
Appliance bottom cover	550	Pass / no flame, no glowing drops.	_
Foot unit top cover / ring holder	650	Pass / no flame, no glowing drops.	_

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Date: 2010-10-21

ANNEX 2: Photo documentation

Details of:



Details of: FC-200H-EU



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Report No.: GZES100700146701

Date: 2010-10-21

Details of: FC-200H-EU



Details of: Control panel



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Report No.: GZES100700146701 Date: 2010-10-21

Details of: Foot unit Inside view



Details of: Foot unit bottom cover



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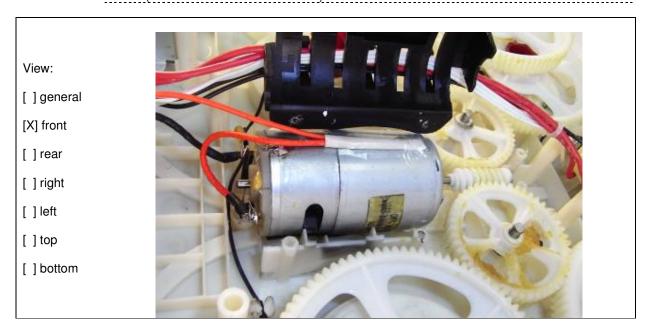


Report No.: GZES100700146701 Date: 2010-10-21

Details of: Foot unit massage platform



Details of: Motor (WNRC-560SAP-21290-108VK)

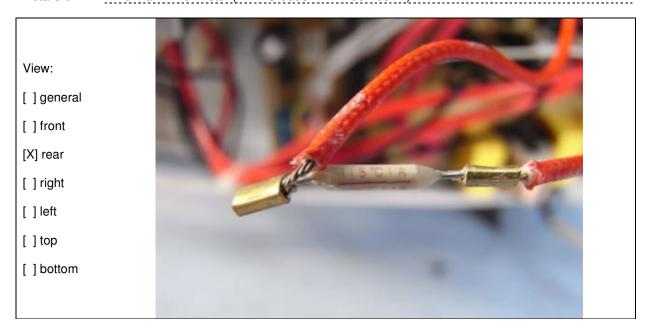


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Report No.: GZES100700146701 Date: 2010-10-21

Details of: Thermal link for motor (WNRC-560SAP-21290-108VK)



Details of: Transformer (YYPT-48240900V)



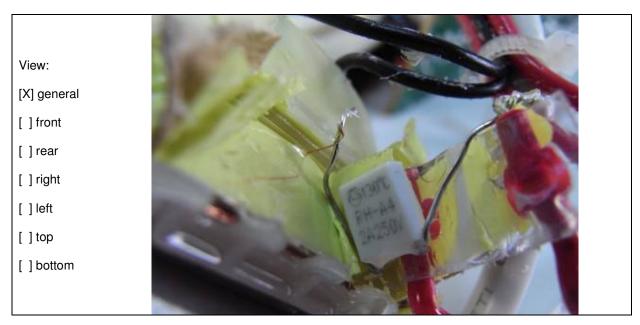
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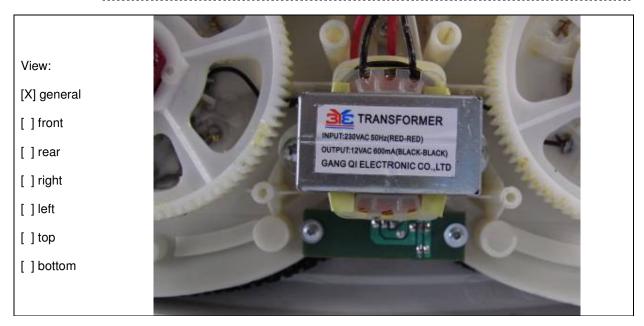


Report No.: GZES100700146701 Date: 2010-10-21

Details of: Thermal link for Transformer (YYPT-48240900V)



Details of: Transformer (YYPT-48240900V)



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Report No.: GZES100700146701 Date: 2010-10-21

Details of: Thermal link for Transformer (YYPT-48240900V)



Details of: Foot massage head



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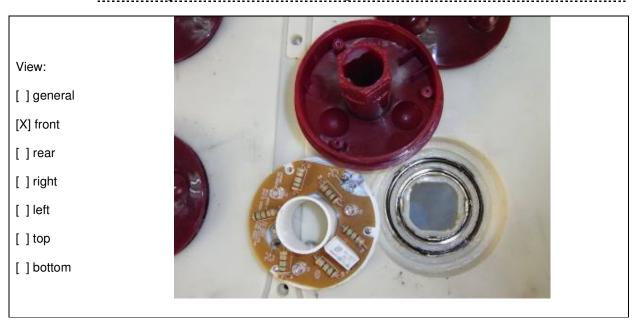
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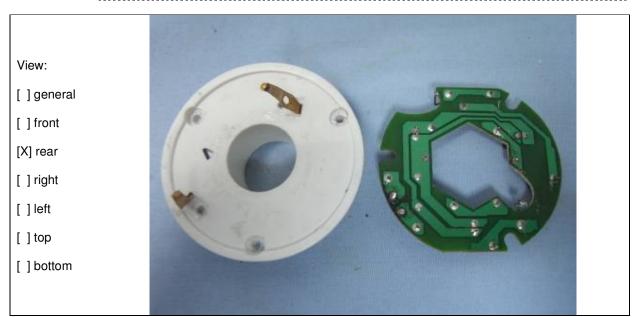
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Date: 2010-10-21

Details of: Foot massage head and PCB for foot massage head



Details of: PCB for foot massage head



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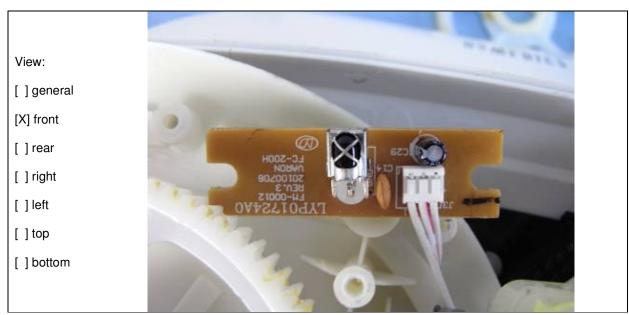
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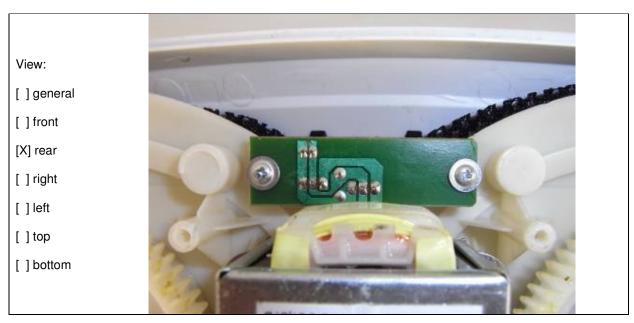
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Date: 2010-10-21

Details of: Infrared receiver



Details of: Infrared receiver



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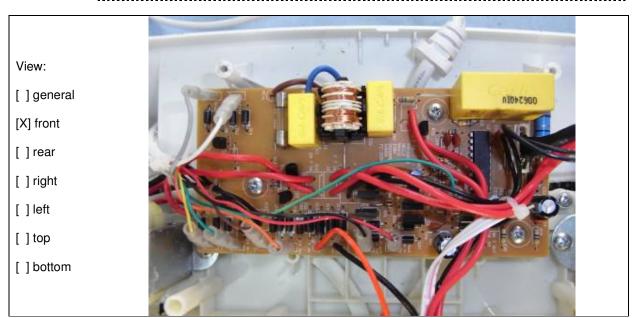
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Date: 2010-10-21

Details of: PCB for mainboard



Details of: PCB for mainboard



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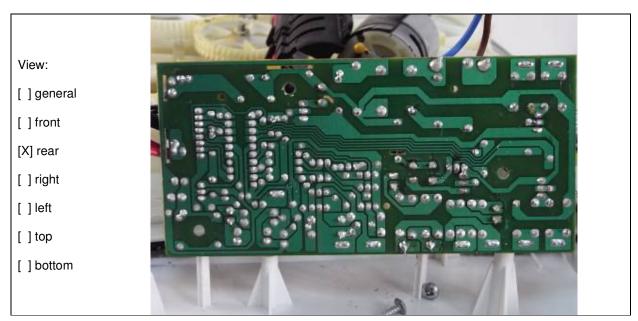
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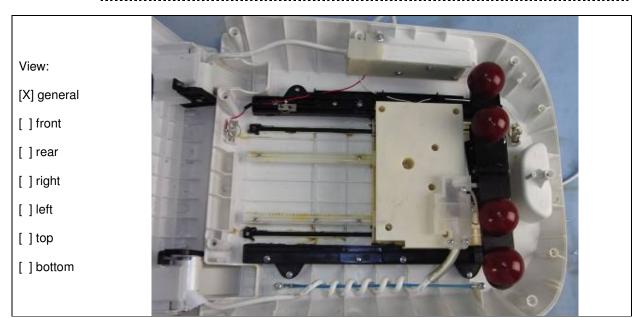
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Date: 2010-10-21

Details of: PCB for mainboard



Details of: Calf unit inside view

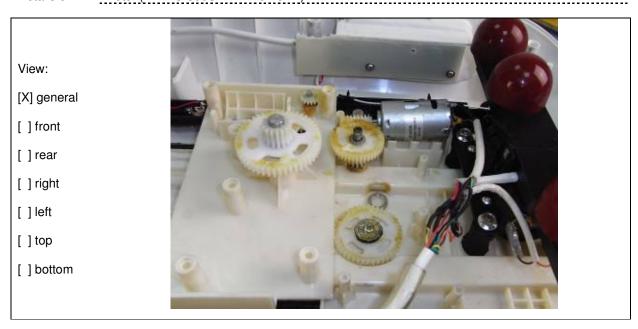


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Report No.: GZES100700146701 Date: 2010-10-21

Details of: Motor (WNRC-390SM-17220-76VK)



Details of: Motor (WNRC-560SAP-19305-80VD)

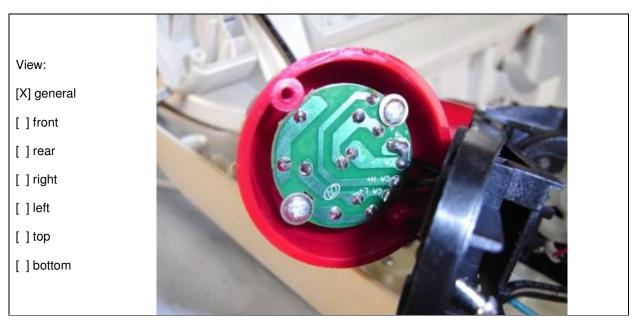


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Report No.: GZES100700146701 Date: 2010-10-21

Details of: Massage head for calf unit



Details of: Massage head for calf unit



Details of: Control PCB

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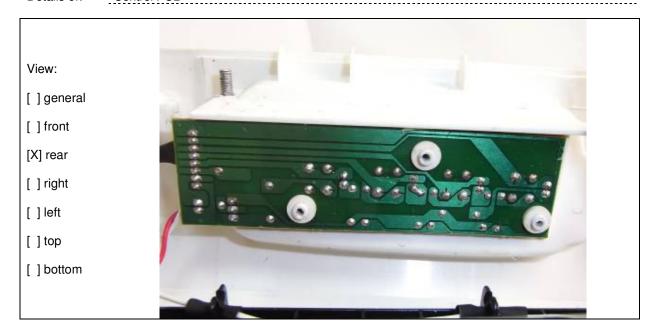
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Report No.: GZES100700146701 Date: 2010-10-21



Details of: Control PCB



Details of: Remote controller

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Details of: Remote controller



Details of: PCB for Remote controller

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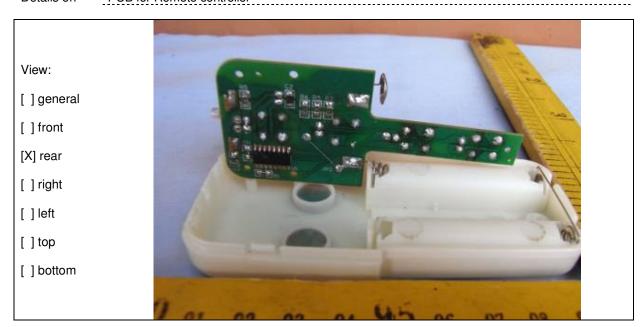


Report No.: GZES100700146701

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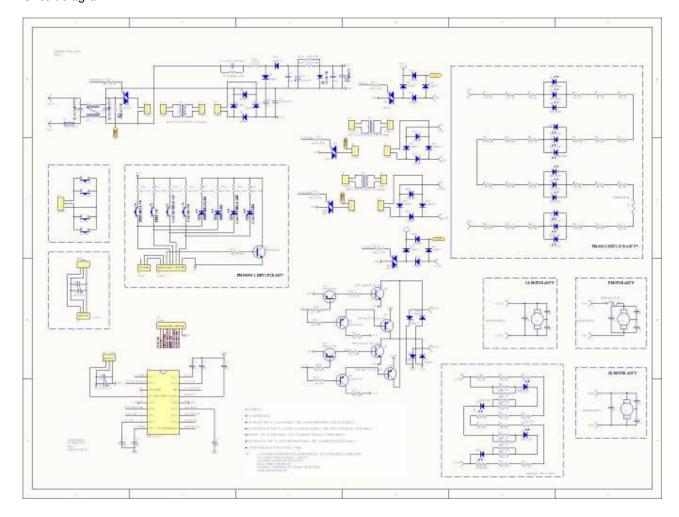


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Circuit diagram



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