

PRE-INSPECTION REPORT

GENERAL INFORMATION		PRODUCT PHOTO
Project number	MBn347713_2004	
Description of product	Vacuum Sealer SUS BEST	
Model number	SVEB 160 AI	
Customer	Lidl	
Supplier	Foshan Nanhai Fu Da Electrical Limited	
Inspection place	No 11, Xing Ye East Road, Zone A, Shishan Industrial Park, 528225 Nanhai, Foshan City, Guangdong, PRC	
Requested lot quantity	3808 units	
Actual quantity	3808 units	
INSPECTION PLAN		
Type of inspection	☐ Pre-pilot ☒ Pre-PSI ☐ Spare units/parts PSI ☐ Re-PSI	Lot/batch size <u>3808</u> units Sampling size <u>200</u> units
Inspection standard	ISO 2859-1, Single; Normal, Inspection Level: L-II, S-2;	
Sampling plan	AQL Level: Critical not allowed ; Maj. 1.5; Min. 4.0	

QUANTITY STATUS						
Country Block	LB8					
Requested qty	3808					
Finished qty	3808					
Unpacked qty	0					
Sampling qty	200					

INSPECTION RESULTS:					☐ PASS	☐ FAIL	☒ PENDING
Summary							
AQL (function, cosmetics, workmanship, basic safety)				Pass	Fail	Pending	N/A
L-II	Critical	Major	Minor	☒	☐	----	☐
Acc/Re	0	7 / 8	14 / 15				
Actual found	0	4	5				
CDF/Critical components check/ rating plate				☒	☐	----	☐
Data measurements / on-site testing/ performance/silkscreen testing				☒	☐	☐	☐
Internal check				☒	☐	----	☐
S-2	Critical	Major	Minor				
Acc/Re	0	0 / 1	1 / 2				
Actual found				0	0	0	
Packaging (Carton/GB/IM/cutting protection)				☒	☐	☐	☐
Drop testing according to DIN EN22248				☐	☐	☐	☒
Remarks/ Observation				----	☐	☒	☐

Inspected by: Wendy Ou

Reviewed by: Derek Oiu

Date of inspection: xxxxxx

MASTER CHECKLIST

Sample size	
Inspection quantity	3808 units
Sampling size L-II (for function/cosmetics/workmanship/basic safety)	200 units
Sampling size S-2 (Internal construction check, dismantling of sample)	8 units

A, Function/cosmetics/workmanship/basic safety (sampling Level-II)

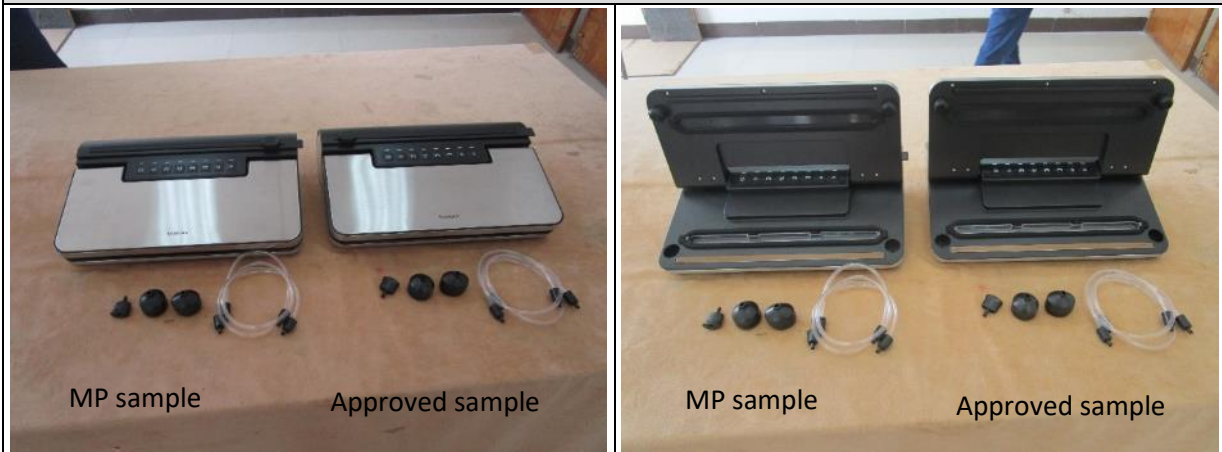
Categories	Inspection Items	Defective description	Cri	Maj	Min
1. Safety Test	a) Hi-pot test (with 1250V/3s for class I items)	P			
	b) Hi-pot test (with 3000V/3s for class II items)	N/A			
	c) Earth continuity test for class I items (less than 0.1Ω, at 25 A)	P			
	d) Others	N/A			
2. Marking	a) Marking is reliable, damaged or loose off	P			
	b) Others	N/A			
3. Function	a) On/Off, or speed, or light control switch	P			
	b) Abnormal noise, or vibration	N/A			
	c) Intermittent function	N/A			
	d) Others	_ Poor cutting of vacuum foil bag		1	
4. Wattage (heating appliance only)	a) Less than or more than specified limit	P			
	b) Others	P			
5. Cosmetic Appearance	a) Dirty mark /scratch mark / poor finishing /silk screening / mould mark / flash or dent on unit	_ Scratch mark on housing			4
	b) Mixed Colour, Mildew, Corrosion	P			
	c) Printing on product	P			
	d) Body deformed, crack, damage	P			
	e) Switches / control / knobs / screw etc	P			
	f) Plug / Supply Cord (defect)	P			
	g) Foreign material inside	P			
	h) Front, Back, Side Housing (gap/ not tight/ not align)	P			
	i) Unit wobbling	P			
	j) Others	_ One silicone foot loose out _ The LED was not in the center of hole		3	1
6. Accessory	a) Remote control provided	N/A			
	b) Missing or damage of parts / components/ instruction manual / warrantee card / instruction leaflet / supply cord /others	P			
	c) Accessories are available as described in the instruction manual	P			
	d) Others	N/A			

7. Packing	a) Wrong Packing	P			
	b) Gift box / Polybag / Carton Box (damage), Printing on six faces (wrong/poor)	P			
	c) Others	N/A			
Total found			0	4	5

B, Internal construction check (sampling level S-2)

Categories	Inspection Items	Defective Description	Cri	Maj	Min
Internal construction (visual check)	a) Symbol are not corrective (Live / Neutral / Earthing)	P			
	b) Cold solder joint, bad soldering	P			
	c) Parts (switch, motor, control etc.) not proper fixed	P			
	d) Strain relief insufficient, wrong assembly	P			
	e) Grommet of internal wiring	P			
	f) Foreign material inside	P			
	g) Others	N/A			
Total found			0	0	0

UNIT COLOUR & TEXTURE CHECK



Remarks: MP unit in same color as approved sample

RATING PLATE CHECK			Pass	Fail	n/a
a,	CE symbol (height min.5mm), GS logo (UK/CH plug no GS)		☒	☐	☐
b,	Trade mark as per approved artwork		☒	☐	☐
c,	Technical parameters (Voltage, Wattage, IP...), refer to certificate/CDF		☒	☐	☐
d,	WEEE mark (with underline, height min 7mm)		☒	☐	☐
e,	Rubbing test (15s with a cloth soaked with N-hexane)		☒	☐	☐
f,	Importer name and address (or on product, if it's not possible to put on product or rating label it shall be mentioned on packaging)		☒	☐	☐
g,	Others		---	☐	☒
Rating plate photos:					



COMPONENTS CHECK- CDF



VDE plug: QL-02
2.5A 250V Qinglang



Power cord: H03VVH2-F 2X0.5mm²
300/500V Qinglang



Heating element: 0.08 * 2.5
(actual width: 2.4 mm)



Thermal link: RY-01E113
10A 250V, Tf113°C



Micro Air pump: AM395DPV-2
DC12V



Valve: AM520C-2
YOUO-F12A0612-A



PCB: ZG-D E319015

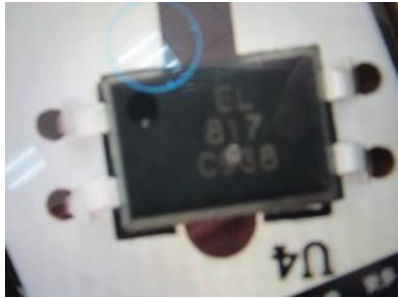


Current fuse: SMT T4A 250V



X2 capacitor: MPX 0.33uF 275VAC
Champion



Y capacitor: CE472M	Varistor: 10D471K	Transformer: PQ2623
		
Optocoupler: EL817	Internal wire: 1007 20-22 AWG 80°C E328303	Heat-shrinkage tube: 600V 125°C
Remarks:		

SILKSCREEN / PRINTING TEST					
Rubbing test(15s with a cloth soaked with different agents)		Pass	Fail	Pending	n/a
a,	Rubbing test with vegetable oil (in hot condition if applicable)	☒	☐	☐	☐
b,	Rubbing test after12h with vegetable oil (only 8H)	☒	☐	☐	☐
c,	Rubbing test with wash-up agent	☒	☐	☐	☐
d,	Rubbing test with 75% alcohol	☒	☐	☐	☐
e,	Rubbing test with N-hexane (for IEC symbols only)	☒	☐	☐	☐
f,	3M tape testing	☐	☐	☐	☒
g,	Finger nail scratch	☐	☐	☐	☒
Remarks:					

WEIGHTS / DIMENSIONS					
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Main unit :1961 g ±5%	1952	1950	1921	1950	1942
Foil roll: 184 g ±5%	190	188	185	188	189
Vacuum chamber: 16g ±5%	15	15	15	15	15
Plastic adaptor: Round one, 14.4g +/-10% (12.96-15.44)	15	14.5	15	14.5	15
Plastic adaptor: Oval one, 14.7g +/-10% (13.23-15.47)	14	14	14	14	15
Vacuum foil thickness (0.2-0.29 mm)	0.27	0.26	0.26	0.26	0.26
Vacuum foil size (28*300 cm)	28.4*303	28.4*300	28.4*301	28.4*301	28.4*303
Adapters weight 67.2 g +5/-5% (63.9-70.6)	66.5	66.8	66.7	66.6	67
Adapter tube length 60 cm +5/-5% (57-63 cm)	60	60	60	60	60
Silicone tube length 307 mm	307	307	307	307	307
Remarks:					

POWER CORD LENGTH (plug and cable guard excluded)					
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Power cord length 130 cm +5%/-0% (130-136.5 cm)	130	130	130	130	130
Remarks:					

TECHNICAL DATA					
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Standby power <0.5W	0.3	0.3	0.2	0.3	0.2
Welding consumption power: (125W +5/-10% 119-131.3W)	130	131	131	131	131
Vacuumping consumption power: (no spec approx. 20W)	23	21	24	22	24
Dry sealing time: 8-10S	8	8	8	8	8
Wet sealing time:12-14S	14	14	14	14	14
Rest time for dry mode -30S	30	30	30	30	30
Rest time for wet mode-45S	45	45	45	45	45
Normal vacuum: 550-650mbar	623	645	633	624	632
Soft vacuum: 130-210mbar	193	189	190	179	193
Marinate vacuum range in first 180S holding period ≈600mbar	619-598	631-614	628-602	635-558	629-512
Flow rate of pump: (> 9000 ml/min - Ref)	12000	11000	11000	11000	11000
Leaking test	P	P	P	P	P
Noise level 1.5 m (dBA)no spec	71	69	70	71	69
Power cord pull test: 60 N/25 times	P	P	P	P	P
Cable winding outstanding length :<5cm	P	P	P	P	P
5% salty water immersion test	P	P	P	P	P
Remarks:					

PERFORMANCE TEST
Soft vacuum and sealing, timing with 30cm foil bag (loaded 250g strawberries) NT
Wet vacuum, and sealing, timing with 30cm foil bag (loaded 300g marinated beef) Result is good
Remark / findings

PACKAGING CHECK (carton, giftbox, IM, flyer, polybag, polyfoam, egg tray...)					
		Pass	Fail	Pending	n/a
a,	Carton: paper, printing quality and shipping mark check according to released sample and artwork, EAN code scannable, weight and dimension correct	☒	☐	☐	☐
b,	GB: colour, paper and printing quality check according to released sample and artwork, EAN code, transparent round sticker applied for GB sealing	☒	☐	☐	☐
c,	GB: technical data, compliance logo and symbols check	☒	☐	☐	☐
d,	Cutting protection existing at top/bottom (Lidl order needed, or option)	☒	☐	☐	☐
e,	IM, flyer: paper and printing quality check according to released sample and artwork	☒	☐	☐	☐
f,	IM, flyer: technical data, compliance logo and symbols check	☒	☐	☐	☐
g,	Polybag: material ID, recycle mark, warnings and suffocation hole.	☒	☐	☐	☐
h,	Correct packing way followed, no damage and inside no loose	☒	☐	☐	☐
i,	Others:	----	☐	☐	☒
Remarks:					

Drop testing according to DIN EN22248				☐ Pass	☐ Fail	☐ Pending	☒ n/a
up to 9kg,76cm	one corner three edges six faces	Tested height	full carton/sales packing weight				
up to 18kg,61cm			full GB weight:				
up to 25kg,46cm			unit per carton				units
Tested quantity	Summary	Mechanical		☐ Pass	☐ Fail	☐ Pending	☐ n/a
		Hi-pot		☐ Pass	☐ Fail		☐ n/a
		Function		☐ Pass	☐ Fail	☐ Pending	☐ n/a
		Packaging		☐ Pass	☐ Fail	☐ Pending	☐ n/a
Remarks:							

REMARKS/ OBSERVATION

1. Vibration noise from cutter and lid when unit working ---100%.

SERIAL NUMBER OF INSPECTED UNITS

26510	26513	26515	28859	28869	28824	26795	26732	28860	27169
26713	27150	27863	27389	28608	28875	27920	28279	26978	27146
27160	26516	27928	28708	26830	27196	26728	28118	27156	27002
28095	27826	27871	27939	27222	28002	27723	28438	28735	29513
28273	30170	28124	28120	29393	28762	30075	28019	28123	30202
29376	26720	28022	27478	27024	27023	27566	27602	27384	29244
26576	27738	29122	27329	27617	29299	28475	29144	28797	27937
27674	27329	27953	27744	28074	29122	29945	29393	27109	27322
29995	30218	29035	26541	27113	27369	27198	26559	27353	26850
27574	28870	28825	27322	29723	26652	27879	27194	27255	26713
26570	28095	27256	28392	29150	29207	26586	27250	28945	27463
28889	30000	27610	27155	29853	30236	27536	29376	27391	29167
26720	27921	30161	29632	30092	27619	26654	28640	29510	29605
29040	29914	27440	26908	29203	29006	26498	27874	28540	27102
27119	27927	28701	29994	28342	27901	27762	28610	27754	28994
27223	28788	28999	28028	27902	30231	29298	29292	27280	26559
27000	26001	27008	27365	28574	27841	27488	26871	28092	26620
26642	26813	27185	28365	26781	27949	27870	28337	28342	27523
26638	26475	27537	26898	26636	27757	26641	26784	28264	26624
27872	27968	28730	26657	28330	27773	28733	26462	29611	29312

PHOTO OF DEFECTIVES



One silicone foot loose out ---3pcs Major



One silicone foot loose out ---3pcs Major



Poor cutting of vacuum red bag ---1pc Major



The LED was not in the center of hole ---1pc Minor



Scratch mark on housing ---4pcs Minor



Scratch mark on housing---4pcs Minor

PHOTO OF WAREHOUSE, PACKAGING AND UNITS

LB8 VERSION



Shipping mark



Anti-cutting protective cardboard



Anti-cutting protective cardboard



Gift box



Gift box



Gift box



Gift box



Gift box



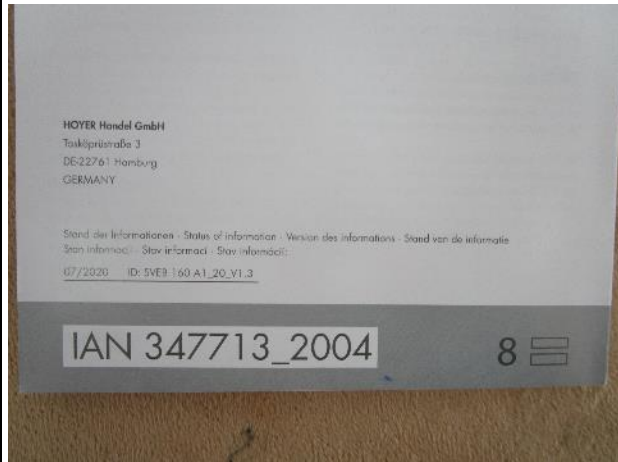
Packing



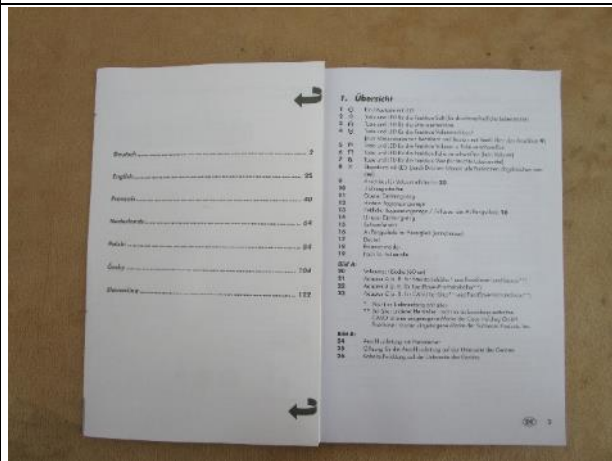
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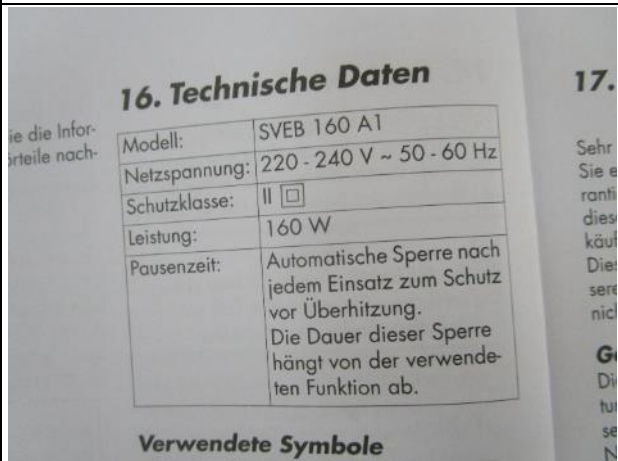
IM



IM



IM



IM



Main unit and accessories view



Adapters and hoses view



Foil view



Unit details



Unit details



Unit details



Unit details



Unit details



Unit details



Unit details



Power plug



Rating label

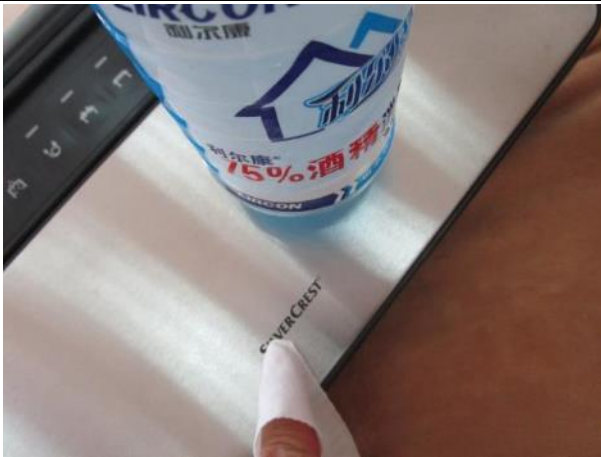
PHOTO OF TESTING, MEASUREMENTS (silkscreen, weight, data, performance etc..)



CE mark height check



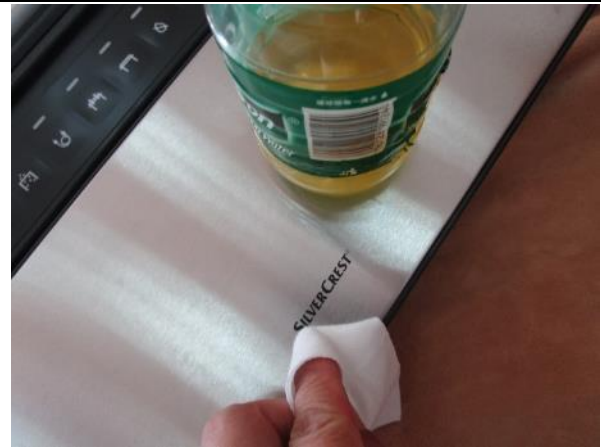
WEEE mark height check



Rubbing test with 75% alcohol



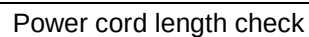
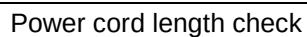
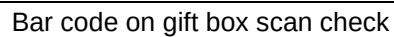
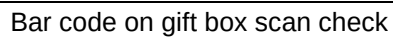
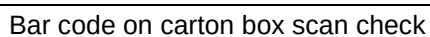
Rubbing test with washing-up liquid



Rubbing test with vegetable oil



Rubbing test with N-hexane





Weight check



Weight check



Weight check



Weight check



Weight check



Weight check



Weight check



Silicone tube length check



Vacuum foil size check



Vacuum foil size check



Vacuum foil size check



Power cord pull test



Hi-Pot test



Standby power check



Vacuuming power



Vacuuming + Welding power



Function test



Function test



Sealing time of dry pumping- 8-10S



Sealing time of wet pumping-12-14S



Rest time for dry vacuum -30S



Rest time for wet vacuum -45S



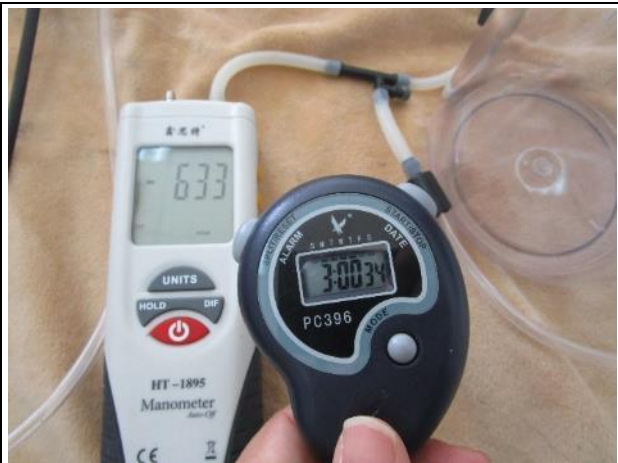
Normal vacuum >550mbar



Soft vacuum



Flow rate: 9000~13000ml/min



Marinate vacuum range in first 180S holding period $\approx$ 600mbar



Working noise test



Leaking test

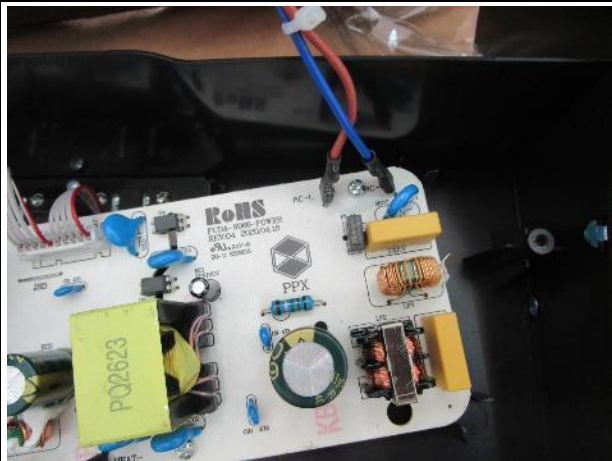


Vacuumping of marinated meat

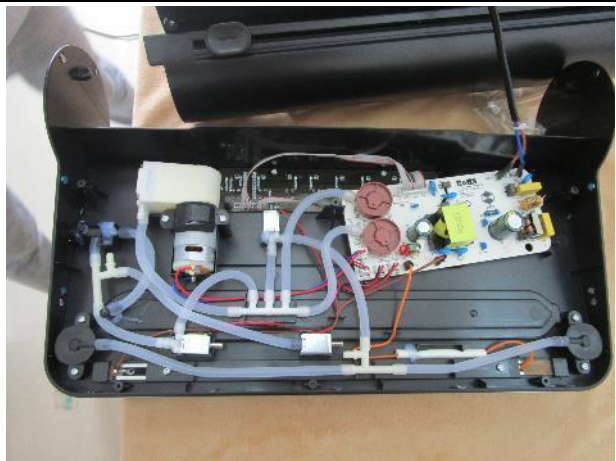


Vacuumping of marinated meat

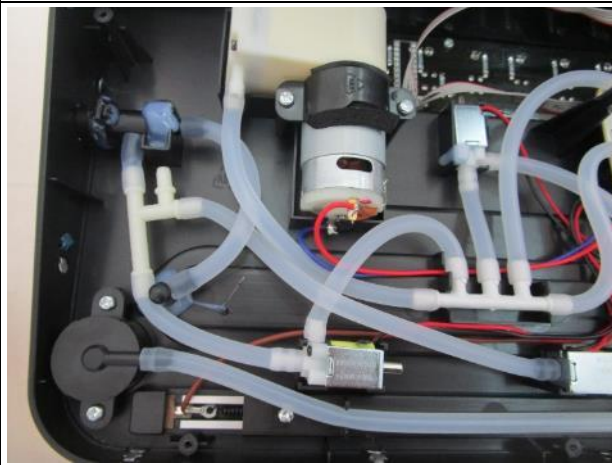
PHOTO OF INTERNAL CONSTRUCTION CHECK



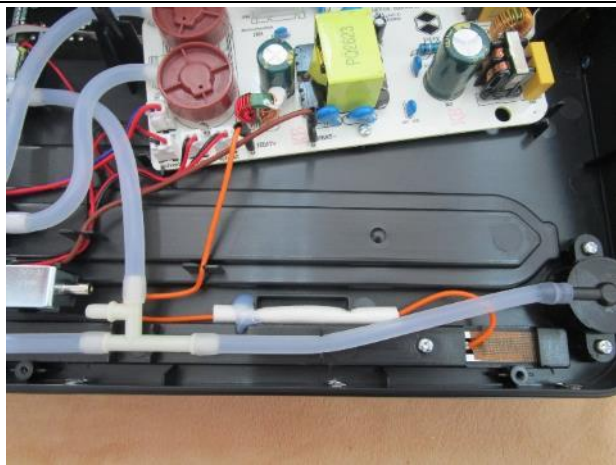
Internal check



Internal check



Internal check



Internal check

DRAFT DEFECTIVE RECORDS

TGI			
DEFECTIVES IN INSPECTION 檢驗不良品統計			
Project number / product: 項目號碼/產品 MBN34-7713-2004 Vacuum Sealer Best			
No.	Defect Description	Defect Type	Defect Count
1	膠脚未粘牢	IF	MAI
2	切膜第一刀方向不良	—	MAI
3	封口	—	MAI
4	大角花	IF	MAI
5			
6			
7			
8			
9			
10			
Remarks: 封口時有振動 100%			
TGI Inspector: Wendy 'Ou		Supplier/Manufacturer	
Date: 2020.11.6		Date	

END