

To protect the privacy of customers or suppliers of Salamander Jewelry.  
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## TEST REPORT

CUSTOMER : Salamander Jewelry Co.,Ltd.

**M/C** : SHINVA

Document No. : TR-EO-001120121

**MODEL** : XG 1 SERIES

Date : 12/1/2021

**SERIAL No.** : 070997

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PRODUCT : ORDER NO. 2331251

### Determination of Sterilization Specification

Item Detail	Specification	Setting	Result
Chamber Setting Temperature	55.0 - 59.0 (°C)	59 (°C)	-
Vacuum Level	5-12 kPa	9 kPa	-
Vacuum Time (min)	50-60 min	60 min	-
<b>Humidification</b>			
Humidity (%)	50%-90%	87%	-
<b>Sterilization</b>			
Steri Temp	55.0 - 59.0 (°C)	55.0 (°C)	-
Jacket Temp	60.0 - 65.0 (°C)	65.0 (°C)	-
<b>Gas Injection</b>			
Final pressure (kpa(abs))	0.21-0.23 kPa	0.21 kPa	-
Final temperature of vaporizer, Temp 10 (°C)	55.0 - 59.0 (°C)	55 (°C)	-
<b>Exposure</b>			
Temperature at strat point of Exposure time period Temp. 1 (°C)	55.0 - 59.0 (°C)	60 (°C)	-
Temperature at finish point of Exposure time period Temp. 1 (°C)	55.0 - 59.0 (°C)	55 (°C)	-
Exposure Time (min)	390-420 min	420 min	-
<b>Exhaust</b>			
Exhaust Time (hour)	≥ 4 hour	4 hour	-
First Vacuum Level (kPa)	5-12 kPa	9 kPa	-
Second Vacuum Level (kPa)	5-12 kPa	9 kPa	-
Third Vacuum Level (kPa)	5-12 kPa	9 kPa	-
<b>Storage</b>			
Storage Time	≥ 48 hour	≥ 48 hour	-
<b>Chemical tested, Sterile Strip</b>			
EO sterilization temperatures 55-60 C° Time sterile by EO 7 hours .	Brown	Brown	Pass
<b>Biological Test</b>			
EZ Test Biological Indicator	Brown	Brown	Pass
24 hour results for EO	Red	Red	Pass

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## SAMPLE SLIP PARAMETER

EXHAUST:04H 00MIN		TOTAL :11H 50MIN	
PRETT :00H 48MIN		STERI :07H 00MIN	
ACTUAL TIME			
05:09:31 STEILIZATION SUCCESS			
END	05:09:20	061,10	002kPa
	05:09:20	061,10	002kPa
	01:09:27	062,20	-015kPa
	01:07:50	062,30	006kPa
EXHAUST	01:07:20	062,30	007kPa
	09:57:30	062,40	007kPa
	00:47:50	062,40	007kPa
	00:37:50	062,60	007kPa
	00:27:50	062,70	007kPa
	00:17:50	062,70	007kPa
	00:07:50	062,90	007kPa
	23:57:50	062,90	007kPa
	23:47:49	063,10	007kPa
	23:37:49	063,10	007kPa
	23:27:49	063,20	007kPa
	23:17:49	063,20	007kPa
	23:07:49	063,50	007kPa
	22:57:49	063,50	007kPa
	22:47:49	063,60	007kPa
	22:37:49	063,70	007kPa
	22:27:49	063,80	007kPa
	22:17:49	063,80	007kPa
	22:07:49	063,90	007kPa
	21:57:49	064,00	007kPa
	21:47:49	064,10	007kPa
	21:37:49	064,10	007kPa
	21:27:49	064,10	007kPa
	21:17:49	064,20	007kPa
	21:07:49	064,30	007kPa
	20:57:49	064,30	007kPa
	20:47:49	064,30	006kPa
	20:37:49	064,40	006kPa
	20:27:49	064,50	006kPa
	20:17:49	064,50	006kPa
	20:07:49	064,50	006kPa
	19:57:49	064,50	014kPa
	19:47:49	064,50	023kPa
	19:37:49	064,70	026kPa
	19:27:49	064,70	029kPa
	19:17:49	064,80	032kPa
	19:07:49	064,80	043kPa
	18:57:49	064,90	052kPa
	18:47:49	064,90	057kPa
	18:37:49	064,90	089kPa
	18:27:49	065,00	219kPa
	18:17:49	064,90	311kPa
	18:07:49	065,00	311kPa
STERI	18:07:49	065,00	311kPa
ADD ED	18:01:22	065,10	-089kPa
	17:57:49	065,00	001kPa
HUMIDI	17:51:20	064,60	-089kPa
PRETT	17:47:49	064,10	002kPa
PREHEAT	17:19:15	060,00	002kPa
STATE	TIME	TEMP	PRE
RUN COUNT : 0325			
ED PRE :060kPa VENT TIME:04H 00M			
STERI TEMP: 065,00 STERI TIME:07H 00M			
PRE TIP 17:19:15 060,00 002kPa			
START TIME: 2021-01-10 17:19:08			

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### PROCESS FLOW CHART OF STERILIZATION

- > loading > into the chamber > door close > program starts
- > preprocessing > EO entry > sterilization
- > later processing > ventilation > air entry > the end
- > door open > unloading.

We here by certificate that following products were sterilized by E.O. at CITY MEDICAL SUPPLY CO.,LTD .

The result of sterilization by biological indicator are passed.

CODE	Iteme	Color	Lot. No	TOTAL QUANTITY	STERILIZED DATE
TDI-Z-BKMBN-1.2-8.0-3	STERILE BLACK PVD COATED SURGICAL STEEL CURVED MICRO BARBELL FOR TDI			50	
TDI-Z-BL-1.6-12.0-4	STERILE SURGICAL STEEL BARBELL FOR TDI			50	
TDI-Z-BL-1.6-38.0-5	STERILE SURGICAL STEEL BARBELL FOR TDI			50	
TDI-Z-BN-1.6-10.0-4	STERILE SURGICAL STEEL CURVED BARBELL FOR TDI			100	
TDI-Z-BNJ-OP-1.6-10.0-5/8-CR	STERILE SURGICAL STEEL CZECH CRYSTAL JEWELED NAVEL BANANA FOR TDI			50	
TDI-Z-CB-1.6-10.0-4	STERILE SURGICAL STEEL CIRCULAR BARBELL FOR TDI			100	
TDI-Z-LB-1.6-8.0-4	STERILE SURGICAL STEEL LABRET FOR TDI			100	
TDI-Z-MBL-1.2-10.0-3	STERILE SURGICAL STEEL MICRO BARBELL FOR TDI			50	
TDI-Z-MBL-1.2-9.0-3	STERILE SURGICAL STEEL MICRO BARBELL FOR TDI			50	
TDI-Z-MCB-1.2-12.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL FOR TDI			50	
TDI-Z-MCB-1.2-7.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL FOR TDI			50	
TDI-Z-MCB-1.2-8.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL FOR TDI			200	
TDI-Z-MLB-1.2-10.0-2.5	STERILIZED SURGICAL STEEL MICRO LABRET FOR TDI			100	
TDI-Z-MLBJ-OP-1.2-10.0-3-CR	STERILE SURGICAL STEEL CZECH CRYSTAL JEWELED MICRO LABRET FOR TDI			100	
TDI-Z-TBL-1.6-12.0-4	STERILE TITANIUM BARBELL FOR TDI			100	
TDI-Z-TBL-1.6-16.0-5	STERILE TITANIUM BARBELL FOR TDI			300	
TDI-Z-TBL-1.6-32.0-5	STERILE TITANIUM BARBELL FOR TDI		LOT-0215	100	10 Jan 21
TDI-Z-TBN-1.6-12.0-4	STERILIZED TITANIUM CURVED BARBELL FOR TDI			50	
TDI-Z-TBNDJ-OP-1.6-10.0-5/8-BZ	STERILE TITANIUM JEWELED NAVEL BANANA FOR TDI			25	
TDI-Z-TBNJ-OP-1.6-10.0-5/8-CR	STERILE TITANIUM JEWELED NAVEL BANANA FOR TDI			100	
TDI-Z-TBNJ-OP-1.6-10.0-5/8-RO	STERILE TITANIUM JEWELED NAVEL BANANA FOR TDI			25	
TDI-Z-TBNN-1.6-10.0-5/8	STERILE TITANIUM NAVEL BANANA FOR TDI			50	
TDI-Z-TINBL-1.6-16.0-5	STERILE TITANIUM INTERNALLY THREADED BARBELL FOR TDI			100	
TDI-Z-TINMLB-1.2-8.0-2	STERILE TITANIUM INTERNALLY THREADED MICRO LABRET FOR TDI			100	
TDI-Z-TMBN-1.2-10.0-3	STERILE TITANIUM MICRO CURVED BARBELL FOR TDI			500	
TDI-Z-TMLB-1.2-12.0-2.5	STERILE TITANIUM MICRO LABRET FOR TDI			200	
TDI-Z-TMLB-1.2-8.0-2.5	STERILE TITANIUM MICRO LABRET FOR TDI			300	
TDI-Z-TMLB-1.2-9.0-2.5	STERILE TITANIUM MICRO LABRET FOR TDI			200	
TDI-Z-TMLBJ-1.2-8.0-2.5-CR	STERILE TITANIUM MICRO LABRET WITH JEWELED BALL FOR TDI			200	
TDI-Z-TMLBJ-OP-1.2-8.0-3-CR	STERILE TITANIUM MICRO LABRET WITH JEWELED BALL FOR TDI			400	
TDI-Z-TMLB-1.2-8.0-3	STERILE TITANIUM MICRO LABRET FOR TDI			500	
PT-Z-TBCH-1.2-10.0-4	STERILE TITANIUM BALL CLOSURE RING WITH HEMATITE BALL FOR PTIT ROC			163	
PT-Z-TBCH-1.6-10.0-4	STERILE TITANIUM BALL CLOSURE RING WITH HEMATITE BALL FOR PTIT ROC			108	
PT-Z-TBL-1.6-16.0-5	STERILIZED TITANIUM BARBELL FOR PTIT ROC			83	
PT-Z-TBL-1.6-22.0-5	STERILIZED TITANIUM BARBELL FOR PTIT ROC			161	
PT-Z-TBNDJ-1.6-10.0-5/8-CR	STERILE TITANIUM DOUBLE JEWELED NAVEL BANANA FOR PTIT ROC			72	

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PT-Z-TBNJ-1.6-10.0-5/8-CR	STERILE TITANIUM JEWELLED NAVAL BANANA FOR PTIT ROC			94	
PT-Z-TMBL-1.2-8.0-3-HP	STERILE TITANIUM MICRO BARBELL FOR PTIT ROC			360	
PT-Z-TMBN-1.2-12.0-3	STERILE TITANIUM MICRO CURVED BARBELL FOR PTIT ROC			143	
PT-Z-TMBN-1.2-8.0-3	STERILE TITANIUM MICRO CURVED BARBELL FOR PTIT ROC			126	
PT-Z-TMCB-1.2-10.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR PTIT ROC			160	
PT-Z-TMCB-1.2-8.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR PTIT ROC			373	
TDI-Z-TBC-1.2-8.0-4	STERILE TITANIUM BALL CLOSURE RING FOR TDI			100	
TDI-Z-TBC-1.6-12.0-5	STERILE TITANIUM BALL CLOSURE RING FOR TDI			25	
TDI-Z-TBC-1.6-14.0-5	STERILE TITANIUM BALL CLOSURE RING FOR TDI			50	
TDI-Z-TBCH-1.6-12.0-5	STERILE TITANIUM BALL CLOSURE RING WITH HEMATITE BALL FOR TDI			40	
TDI-Z-TCB-1.6-10.0-4	STERILE TITANIUM 90 DEGREE STAPLE BARBELL FOR TDI			100	
TDI-Z-TCB-1.6-8.0-4	STERILIZED TITANIUM CIRCULAR BARBELL FOR TDI			200	
TDI-Z-TMCB-1.2-10.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR TDI			200	
TDI-Z-TMCB-1.2-8.0-3	STERILE TITANIUM MICRO CIRCULAR BARBELL FOR TDI			100	
THD-Z-BKBL-1.6-22.0-5	STERILE BLACK PVD COATED SURGICAL STEEL BARBELL FOR THENDRO			100	
THD-Z-BKCB-1.6-8.0-4	STERILE BLACK PVD COATED SURGICAL STEEL CIRCULAR BARBELL FOR THENDRO			100	
THD-Z-BKMBL-1.2-6.0-3	STERILE BLACK PVD COATED SURGICAL STEEL MICRO BARBELL FOR THENDRO		LOT-0215	200	10 Jan 21
THD-Z-BKBC-1.2-10.0-4	STERILE BLACK PVD COATED SURGICAL STEEL BALL CLOSURE RING FOR THENDRO			500	
THD-Z-BKBL-1.6-10.0-4	STERILE BLACK PVD COATED SURGICAL STEEL BARBELL FOR THENDRO			300	
THD-Z-BKBL-1.6-14.0-5	STERILE BLACK PVD COATED SURGICAL STEEL BARBELL FOR THENDRO			300	
THD-Z-BKBL-1.6-16.0-5	STERILE BLACK PVD COATED SURGICAL STEEL BARBELL FOR THENDRO			200	
THD-Z-BKCB-1.6-10.0-4	STERILE BLACK PVD COATED SURGICAL STEEL CIRCULAR BARBELL FOR THENDRO			200	
THD-Z-BKCNO-0.8-6.5-2.35	STERILE BLACK PVD COATED SURGICAL STEEL CURVED BALL NOSE STUD FOR THENDRO			200	
THD-Z-BKMBL-1.2-10.0-3	STERILE BLACK PVD COATED SURGICAL STEEL MICRO BARBELL FOR THENDRO			500	
THD-Z-BKMBL-1.2-8.0-3	STERILE BLACK PVD COATED SURGICAL STEEL MICRO BARBELL FOR THENDRO			500	
THD-Z-BKMCB-1.2-10.0-3	STERILE BLACK PVD COATED SURGICAL STEEL MICRO CIRCULAR BARBELL FOR THENDRO			400	
THD-Z-BKMLB-1.2-8.0-3	STERILE BLACK PVD COATED SURGICAL STEEL MICRO LABRET FOR THENDRO			500	
PT-Z-TMLB-1.2-9.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC			486	
PT-Z-TMLB-1.2-9.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC			156	
PT-Z-TMLB-1.2-9.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC			100	
PT-Z-TBCH-1.2-10.0-4	STERILE TITANIUM BALL CLOSURE RING WITH HEMATITE BALL FOR PTIT ROC			115	
PT-Z-TMLB-1.2-9.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC			180	
Z-TJNO-1.0-6.5-2.35-HP-CR	STERILE TITANIUM JEWELLED CURVED NOSE STUD			100	
TDI-Z-LB-1.6-10.0-	STERILE SURGICAL STEEL LABRET FOR TDI			100	
TDI-Z-TMBL-1.2-8.0-3-HP	STERILE TITANIUM MICRO BARBELL FOR TDI			100	
Z-JNO-1.0-6.5-2.35-CR	STERILE SURGICAL STEEL JEWELLED CURVED NOSE STUD			200	
PT-Z-TMLB-1.2-9.0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC			292	
PT-Z-TMLBJ-1.2-8.0-2.5-CR	STERILE TITANIUM MICRO LABRET WITH JEWELLED BALL FOR PTIT ROC			60	
Z-TMCB-1.2-8.0-3-HP	STERILE TITANIUM MICRO CIRCULAR BARBELL			50	
Z-GSNEEDLES-0.8-48.0	STERILIZED STAINLESS STEEL NEEDLE			1560	
Z-PRTA-8.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE 8.0MM			2000	

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