

To protect the privacy of customers or suppliers of Salamander Jewelry.  
We erased their address from this document.

## TEST REPORT

CUSTOMER : Salamander Jewelry Co.,Ltd.

**M/C** : SHINVA

Document No. : TR-EO-005180220

**MODEL** : XG 1 SERIES

Date : 18/2/2020

**SERIAL No.** : 070997

Page : 1 / 4

PRODUCT : ORDER NO. 2294899

### 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

To protect the privacy of customers or suppliers of Salamander Jewelry.  
We erased their address from this document.

M/C : SHINVA

Document No. : TR-EO-005180220

MODEL : XG 1 SERIES

Date : 18/2/2020

SERIAL No. : 070997

Page : 2 / 4

PRODUCT : ORDER NO. 2294899

## SAMPLE SLIP PARAMETER

EXHAUST:04H OOMIN TOTAL :11H 47MIN			
PRETT :00H 46MIN STERI :07H OOMIN			
ACTUAL TIME			
07:42:33 STEILIZATION SUCCESS			
END	07:42:22	057,60	-001kPa
	07:42:22	057,60	-001kPa
	03:43:07	058,20	-014kPa
EXHAUST	03:41:22	058,20	001kPa
	03:33:52	058,30	000kPa
	03:23:52	058,30	001kPa
	03:13:52	058,30	002kPa
	03:03:52	058,30	001kPa
	02:53:52	058,20	001kPa
	02:43:52	058,20	001kPa
	02:33:52	058,00	002kPa
	02:23:52	058,10	003kPa
	02:13:52	058,10	003kPa
	02:03:52	058,00	001kPa
	01:53:52	058,00	001kPa
	01:43:52	057,90	002kPa
	01:33:52	057,80	004kPa
	01:23:52	057,70	002kPa
	01:13:52	057,30	001kPa
	01:03:52	057,50	001kPa
	00:53:52	057,50	001kPa
	00:43:52	057,40	002kPa
	00:33:51	057,30	002kPa
	00:23:51	057,20	001kPa
	00:13:51	057,10	002kPa
	00:03:51	056,90	002kPa
	23:53:51	056,80	002kPa

	23:43:51	056,70	002kPa
	23:33:51	056,60	002kPa
	23:23:51	056,60	002kPa
	23:13:51	056,30	002kPa
	23:03:51	056,30	003kPa
	22:53:51	056,20	003kPa
	22:43:51	056,20	001kPa
	22:33:51	056,10	001kPa
	22:23:51	056,10	002kPa
	22:13:51	056,10	003kPa
	22:03:51	056,10	003kPa
	21:53:51	056,00	003kPa
	21:43:51	056,00	003kPa
	21:33:51	056,00	005kPa
	21:23:51	055,90	005kPa
	21:13:51	055,90	003kPa
	21:03:51	055,80	005kPa
	20:53:51	055,60	005kPa
	20:43:51	055,60	078kPa
STERI	20:41:46	055,70	247kPa
ADD ED	20:37:26	055,80	-091kPa
	20:33:51	055,80	000kPa
HUMIDI	20:27:20	055,80	-088kPa
PRETT	20:23:51	055,90	001kPa
PREHEAT	19:55:25	056,10	000kPa
STATE	TIME	TEMP	PRE
RUN COUNT : 2822			
ED PRE	:060kPa	VENT TIME:04H OOM	
STERI TEMP:	056,00	STERI TIME:07H OOM	
PRO TYP	19:55:25	056,10	000kPa
START TIME: 2020-02-17 19:55:18			

To protect the privacy of customers or suppliers of Salamander Jewelry. We erased their address from this document.



M/C : SHINVA

Document No. : TR-EO-005180220

MODEL : XG 1 SERIES

Date : 18/2/2020

SERIAL No. : 070997

Page : 3 / 4

PRODUCT : ORDER NO. 2294899

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
Z-MBN-1.2-8.0-3	STERILE SURGICAL STEEL MICRO CURVED BARBELL			120	
Z-TBC-1.2-12.0-4-HP	STERILE TITANIUM BALL CLOSURE RING			50	
Z-TBNDJ-1.6-10.0-5/8-HP-CR	STERILE TITANIUM DOUBLE JEWELLED NAVEL BANANA			50	
Z-TMBL-1.2-14.0-3-HP	STERILE TITANIUM MICRO BARBELL			125	
Z-TMBL-1.2-16.0-3-HP	STERILE TITANIUM MICRO BARBELL			125	
Z-TMBN-1.2-10.0-3-HP	STERILE TITANIUM MICRO CURVED BARBELL			75	
Z-TMLB-1.2-8.0-3-HP	STERILE TITANIUM MICRO LABRET			230	
Z-XBL-1.1.6-12.0-5-CL	STERILE BIOFLEX BARBELL WITH STEEL BALLS			50	
Z-XMCB-1.1.2-8.0-3-CL	STERILE BIOFLEX MICRO CIRCULAR BARBELL WITH STEEL BALLS			100	
Z-BL-1.6-34.0-5	STERILE SURGICAL STEEL BARBELL			212	
Z-BN-1.6-12.0-4	STERILE SURGICAL STEEL CURVED BARBELL			200	
Z-MLB-1.0-8.0-3/3B	STERILE SURGICAL STEEL MICRO LABRET			200	
Z-TINDAJD-1.6-2.5-3-HP-CR	STERILE TITANIUM INTERNALLY THREADED DERMAL ANCHOR WITH JEWELLED DISC			20	
Z-COBC-1.2-8.0	STERILE SURGICAL STEEL CONTINUOUS RING			10	
Z-LJNO-S-1.0-19.0-1.8-CR	STERILE SURGICAL STEEL SWAROVSKI CRYSTAL JEWELLED STRAIGHT NOSE STUD 19MM			30	
Z-MLBJ-1.2-10.0-2.5-CR	STERILE SURGICAL STEEL JEWELLED MICRO LABRET			20	
Z-MCB-1.2-8.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL		LOT-0182	5	17 Feb 20
Z-MCB-1.2-10.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL			60	
Z-GSNEEDLES-1.0-48.0	STERILIZED STAINLESS STEEL NEEDLE			1059	
Z-XMLB-3-1.2-8.0-3-CL	STERILE BIOFLEX MICRO LABRET WITH TITANIUM BALL			20	
Z-BNJ-1.6-10.0-5/8-CR	STERILE SURGICAL STEEL JEWELLED NAVEL BANANA			10	
Z-GSNEEDLES-1.2-48.0	STERILIZED STAINLESS STEEL NEEDLE			1710	
Z-JNO-1.0-6.5-2.35-CR	STERILE SURGICAL STEEL JEWELLED CURVED NOSE STUD			357	
Z-LJNO-0.8-6.5-2.35-CR	STERILE SURGICAL STEEL LARGE CURVE JEWELLED NOSE STUD			125	
Z-MLB-1.2-12.0-3	STERILE SURGICAL STEEL MICRO LABRET			22	
Z-MLB-1.2-8.0-3	STERILE SURGICAL STEEL MICRO LABRET			107	
Z-MLB-1.2-10.0-3	STERILE SURGICAL STEEL MICRO LABRET			50	
Z-BL-1.6-10.0-5	STERILE SURGICAL STEEL BARBELL			10	
Z-BL-1.6-12.0-4	STERILE SURGICAL STEEL BARBELL			10	
Z-BL-1.6-16.0-4	STERILE SURGICAL STEEL BARBELL			10	
Z-MLB-1.2-7.0-3	STERILE SURGICAL STEEL MICRO LABRET			10	
Z-TBC-1.2-12.0-4-HP	STERILE TITANIUM BALL CLOSURE RING			33	
Z-TBC-1.2-9.0-4-HP	STERILE TITANIUM BALL CLOSURE RING			51	
Z-TBL-1.6-14.0-5-HP	STERILE TITANIUM BARBELL			50	
Z-TMLB-1.2-10.0-3-HP	STERILE TITANIUM MICRO LABRET			50	
Z-MLB-1.2-10.0-3	STERILE SURGICAL STEEL MICRO LABRET			50	

To protect the privacy of customers or suppliers of Salamander Jewelry. We erased their address from this document.

M/C : SHINVA

Document No. : TR-EO-005180220

MODEL : XG 1 SERIES

Date : 18/2/2020

SERIAL No. : 070997

Page : 4 / 4

PRODUCT : ORDER NO. 2294899

CODE	Iteme	Color	Lot. No	TOTAL QUANTITY	STERILIZED DATE
Z-XBNNJ-1-1.6-10.0-5/8-CL-CR	BIOFLEX JEWELLED NAVEL BANANA WITH SURGICAL STEEL BALL			50	
Z-TBL-1.6-16.0-5-HP	STERILE TITANIUM BARBELL			21	
Z-TBL-1.6-20.0-5-HP	STERILE TITANIUM BARBELL			18	
Z-TBL-1.6-20.0-6-HP	STERILE TITANIUM BARBELL			20	
Z-TBL-1.6-22.0-5-HP	STERILE TITANIUM BARBELL			17	
Z-TBNJ-1.6-10.0-5/8-HP-CR	STERILE TITANIUM JEWELLED NAVEL BANANA			10	
Z-TJNO-0.8-6.5-2.35-HP-CR	STERILE TITANIUM JEWELLED CURVED NOSE STUD			52	
Z-TLJNO-0.8-6.5-2.35-HP-CR	STERILE TITANIUM LARGE CURVE JEWELLED NOSE STUD			30	
Z-TMBL-1.2-8.0-3-HP	STERILE TITANIUM MICRO BARBELL			300	
Z-TNO-0.8-6.5-2	STERILE TITANIUM CURVED BALL NOSE STUD			65	
Z-MBL-1.2-8.0-3	STERILE SURGICAL STEEL MICRO BARBELL			200	
Z-TLB-1.6-11.0-3/5B-HP	STERILE TITANIUM LABRET			10	
Z-TMLB-1.2-11.0-3-HP	STERILE TITANIUM MICRO LABRET			10	
Z-COBC-1.2-8.0	STERILE SURGICAL STEEL CONTINUOUS RING			10	
Z-GSNEEDLES-1.0-48.0	STERILIZED STAINLESS STEEL NEEDLE			1400	
Z-GSNEEDLES-0.8-48.0	STERILIZED STAINLESS STEEL NEEDLE			399	
Z-GSNEEDLES-1.6-48.0	STERILIZED STAINLESS STEEL NEEDLE			3700	
Z-TBNDJ-1.6-10.0-5/8-HP-CR	STERILE TITANIUM DOUBLE JEWELLED NAVEL BANANA			36	
Z-TMLB-1.2-8.0-3-HP	STERILE TITANIUM MICRO LABRET		LOT-0182	36	17 Feb 20
Z-MLB-1.2-10.0-3	STERILE SURGICAL STEEL MICRO LABRET			100	
Z-MLBJ-1.2-10.0-3-CR	STERILE SURGICAL STEEL JEWELLED MICRO LABRET			125	
Z-BL-1.6-19.0-5	STERILE SURGICAL STEEL BARBELL			100	
Z-BL-1.6-22.0-5	STERILE SURGICAL STEEL BARBELL			52	
Z-LJNO-1.0-6.5-2.35-CR	STERILE SURGICAL STEEL LARGE CURVE JEWELLED NOSE STUD			482	
TDI-Z-TBL-1.6-14.0-5	STERILE TITANIUM BARBELL FOR TDI			200	
Z-CB-1.6-10.0-4	STERILE SURGICAL STEEL CIRCULAR BARBELL			100	
Z-XNOH-0.8-6.5-1.5-CL	STERILE BIOFLEX CURVED NOSE STUD WITH HALF BALL			50	
Z-PRTA-6.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE			5010	
Z-PRTA-8.0-70.0	STERILE DISPOSABLE MULTI ANGLED RECEIVING TUBE 8.0MM			5000	
TDI-Z-TINMBN-1.2-10.0-3	STERILE TITANIUM INTERNALLY THREADED CURVED MICRO BARBELL FOR TDI			50	
Z-TBL-1.6-38.0-5-HP	STERILE TITANIUM BARBELL			10	
QL-Z-MLB-1.2-12.0-3	STERILE SURGICAL STEEL MICRO LABRET FOR QUILLIAN NO CARD			30	
Z-TBL-1.6-18.0-5-HP	STERILE TITANIUM BARBELL			62	
Z-TMCB-1.2-8.0-2.5-HP	STERILE TITANIUM MICRO CIRCULAR BARBELL			30	
PT-Z-TNO-0.8-6.5-2	STERILE TITANIUM CURVED BALL NOSE STUD FOR PTIT ROC			100	
Z-GSNEEDLES-2.0-48.0	STERILIZED STAINLESS STEEL NEEDLE			570	
Z-TMLB-1.2-8.0-3-HP	STERILE TITANIUM MICRO LABRET			64	
Z-GSNEEDLES-0.8-48.0	STERILIZED STAINLESS STEEL NEEDLE			179	
Z-TBC-1.2-10.0-4-HP	STERILE TITANIUM BALL CLOSURE RING			50	

To protect the privacy of customers or suppliers of Salamander Jewelry. We erased their address from this document.