

Report Test

M/C : Henan Sanqiang Medical Equipment Liability Co. Ltd
 Model : SQ-H220
 Serial No : HNSQ2020050063

LOT No : 00987
 Date : 04 June 2025

Determination of Sterilization Operation Specification

Item Detail	Specification	Setting	Result
Chamber Setting Temperature	40.0-55.5 °C	45.0 °C	
Vacuum pressure	40-60 kPa	60 kPa	
Vacuum Time	50-60 min	60 min	
Humidification			
Humidity	50.0-90.0%	20.2 %	
Sterilization			
Sterilization Temperature	40.0-55.5 °C	43.5 °C	
Gas Injection			
Final pressure	0-10 kPa	4 kPa	
Final temperature of vaporizer	40.0-55.5 °C	44.8 °C	
Exposure			
Temperature at start point of Exposure time period	40.0-55.5 °C	43.3 °C	
Temperature at finish point of Exposure time period	40.0-55.5 °C	46.0 °C	
Exposure Time	120-240 min	180 min	
Exhaust			
Exhaust Time	60-80 min	75 min	
First Vacuum pressure	0-2 kPa	1.5 kPa	
Second Vacuum pressure	0-2 kPa	1.5 kPa	
Third Vacuum pressure	0-2 kPa	1.5 kPa	
Fourth Vacuum pressure	0-2 kPa	1.5 kPa	
Fifth Vacuum pressure	0-2 kPa	1.5 kPa	
Storage			
Storage Time	≥ 48 hour	≥ 48 hour	
Chemical Test			
EO sterilization temperature 40-55°C, Time Sterilization by EO 3hours	Blue	Red	Pass
Biological Test			
EZ Test Biological Indicator	Green	Green	Pass

(*Jutha Liam*)
 Mr.Jutha Liamukda
 Research and Development Engineer

			LOT	Color	BOX	TOTAL / PCS
		210324				
1	Z-ZGBL-1.6-20.0-5	STERILE ZIRCON GOLD PVD COATED SURGICAL STEEL BARBELL	LOT NO 00987			4
		210325				
1	Z-NO17-0.8-6.5	STERILE SURGICAL STEEL LIPS CURVED NOSE STUD	LOT NO 00987			2
2	Z-NOAC-1.0-6.5-3-RN	STERILE SURGICAL STEEL 1.2MM THREADING CURVED NOSE STUD WITH ANODISED C	LOT NO 00987			2
3	Z-RNJNO-0.8-6.5-2.35-CR	STERILE RAINBOW PVD COATED SURGICAL STEEL PREMIUM CRYSTAL JEWELLED CUR	LOT NO 00987			2
4	Z-SCNO6-1.0-6.5	STERILE SURGICAL STEEL CURVED NOSE STUD - DOLPHIN	LOT NO 00987			2
5	Z-SCNO66-0.8-6.5	STERILE SURGICAL STEEL CURVED NOSE STUD - BONE	LOT NO 00987			2
		2545188				
1	Z-SES2-4-RO	STERILE SURGICAL STEEL HEART PRONG SET JEWELLED EAR STUDS PAIR	LOT NO 00987			50
		2545211				
19	TDI-Z10G18TNO-1.0-6.5-2	STERILE GOLD PVD 18K COATED TITANIUM CURVED BALL NOSE STUD	LOT NO 00987		SET/10	100
20	TDI-Z10TBL-1.6-14.0-5	STERILE TITANIUM BARBELL	LOT NO 00987		SET/50	500
21	TDI-Z10TBL-1.6-18.0-5	STERILE TITANIUM BARBELL	LOT NO 00987		SET/30	300
		2545341				
3	Z-ZGJNO-1.0-6.5-2.35-CR	STERILE ZIRCON GOLD PVD COATED SURGICAL STEEL PREMIUM CRYSTAL JEWELLED	LOT NO 00987			20
4	TDI-Z-MCB-1.2-12.0-3	STERILE SURGICAL STEEL MICRO CIRCULAR BARBELL FOR TDI	LOT NO 00987			50
		2545403				
1	TDI-Z-TBCSH-1.2-10.0	STERILE TITANIUM HINGED SEGMENT RING FOR TDI	LOT NO 00987			200
2	TDI-Z-TMLB-1.2-12.0-3	STERILE TITANIUM MICRO LABRET FOR TDI	LOT NO 00987			300
		2543991				
12	SV-STERILIZE	SERVICE STERILE	LOT NO 00987			27
						1561

Sterilization:
Temperature: 43.8℃
Humidity: 20.1RH
Pressures: -1.2KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 13:14

Add EO gas
Temperature: 43.5℃
Humidity: 20.1RH
Pressures: -2.6KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 13:14

Evacuation
Temperature: 44.3℃
Humidity: 20.1RH
Pressures: -0.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 13:10

Keeping Temp
Temperature: 43.5℃
Humidity: 20.1RH
Pressures: -1.6KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 12:10

Keep pressure qualified
Temperature: 42.3℃
Humidity: 20.1RH
Pressures: -58.8KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 12:8

Evacuation
Temperature: 41.8℃
Humidity: 20.1RH
Pressures: -3.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 11:57

Heating-up:
Temperature: 23.6℃
Humidity: 20.1RH
Pressures: -3.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 11:21

Setting:
Temperature: 45.0℃
Humidity: 55.0RH
Pressures: -60.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 11:20

4/6/25
LOT 987
END

Air replacement:
Temperature: 45.9℃
Humidity: 20.1RH
Pressures: -1.6KPa
Sterilization time: 0Hour
Air replace rounds: 1
round time: 0min(s)
2025-6-4 17:41

Air replacement:
Temperature: 44.9℃
Humidity: 20.2RH
Pressures: -1.6KPa
Sterilization time: 0Hour
Air replace rounds: 2
round time: 0min(s)
2025-6-4 17:21

Air replacement:
Temperature: 45.2℃
Humidity: 20.1RH
Pressures: -1.6KPa
Sterilization time: 0Hour
Air replace rounds: 3
round time: 0min(s)
2025-6-4 17:1

Air replacement:
Temperature: 45.2℃
Humidity: 20.2RH
Pressures: -1.6KPa
Sterilization time: 0Hour
Air replace rounds: 4
round time: 0min(s)
2025-6-4 16:41

Air replacement:
Temperature: 45.9℃
Humidity: 20.2RH
Pressures: -1.6KPa
Sterilization time: 0Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 16:21

Sterilization:
Temperature: 45.1℃
Humidity: 20.2RH
Pressures: -0.4KPa
Sterilization time: 0Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 16:15

Sterilization:
Temperature: 44.0℃
Humidity: 20.1RH
Pressures: -2.6KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-6-4 13:16

