


Report Test

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

LOT No : 001008
Date : 04 July 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


 (.....)
 Mr. Jutha Liammukda
 Research and Development Engineer

			LOT	Case	BOX	TOTAL / PCS
		211553				
1	Z-BL-1.6-44 0-4	STERILE SURGICAL STEEL BARBELL	LOT NO 1008			100
		2548432				
16	Z-SCES900-CR	STERILE SURGICAL STEEL EAR STUDS PAIR	LOT NO 1008			10
		2548755				
3	PT-Z-GPTMBL-1.2-10.0-3	STERILE GOLD PVD COATED TITANIUM MICRO BARBELL	LOT NO 1008			100
4	PT-Z-GPTMBL-1.2-8.0-3	STERILE GOLD PVD COATED TITANIUM MICRO BARBELL	LOT NO 1008			100
6	PT-Z-GPTMCB-1.2-10.0-3	STERILE GOLD PVD COATED TITANIUM MICRO CIRCULAR BARBELL	LOT NO 1008			50
9	PT-Z-GPTMLB-1.2-8.0-3	STERILE GOLD PVD COATED TITANIUM MICRO LABRET	LOT NO 1008			150
12	PT-Z-TBL-1.6-12 0-4	STERILIZED TITANIUM BARBELL FOR PTIT ROC	LOT NO 1008			50
21	PT-Z-TMLB-1.2-12 0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC	LOT NO 1008			150
22	PT-Z-TMLB-1.2-7 0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC	LOT NO 1008			100
29	PT-Z10-TMBN-1.2-8 0-3	STERILE TITANIUM MICRO CURVED BARBELL FOR PTIT ROC	LOT NO 1008		SET/15	150
32	PT-Z10-TMLB-1.2-8 0-3	STERILE TITANIUM MICRO LABRET FOR PTIT ROC	LOT NO 1008		SET/150	1500
		2541131				
3	SV-STERILIZE	SERVICE STERILE	LOT NO 1008			1
		2548114				
3	SV-STERILIZE	SERVICE STERILE	LOT NO 1008			80
						2541

Sterilization:
Temperature: 43.3℃
Humidity: 20.1RH
Pressures: -0.4KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 13:35

Add E0 gas
Temperature: 43.0℃
Humidity: 20.1RH
Pressures: -0.3KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 13:34

Evacuation
Temperature: 44.3℃
Humidity: 20.1RH
Pressures: -0.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 13:30

Keeping Temp
Temperature: 43.5℃
Humidity: 20.1RH
Pressures: -1.8KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 12:30

Keep pressure qualified
Temperature: 42.3℃
Humidity: 20.1RH
Pressures: -98.7KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 12:29

Evacuation
Temperature: 41.8℃
Humidity: 20.2RH
Pressures: -3.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 12:17

Heating-up:
Temperature: 22.9℃
Humidity: 20.1RH
Pressures: -3.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 11:40

Settling:
Temperature: 45.0℃
Humidity: 55.0RH
Pressures: -60.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 11:40

A/7/25
LOT 1008

END

Air replacement:
Temperature: 45.9℃
Humidity: 20.2RH
Pressures: -1.0KPa
Sterilization time: 3Hour
Air replace rounds: 1
round time: 0min(s)
2025-7-4 10:3

Air replacement:
Temperature: 45.3℃
Humidity: 20.2RH
Pressures: -1.8KPa
Sterilization time: 3Hour
Air replace rounds: 2
round time: 0min(s)
2025-7-4 17:43

Air replacement:
Temperature: 45.4℃
Humidity: 20.1RH
Pressures: -1.6KPa
Sterilization time: 3Hour
Air replace rounds: 3
round time: 0min(s)
2025-7-4 17:23

Air replacement:
Temperature: 45.0℃
Humidity: 20.1RH
Pressures: -1.6KPa
Sterilization time: 3Hour
Air replace rounds: 4
round time: 0min(s)
2025-7-4 17:2

Air replacement:
Temperature: 44.8℃
Humidity: 20.1RH
Pressures: -1.6KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 10:47

Sterilization:
Temperature: 45.0℃
Humidity: 20.2RH
Pressures: -0.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 16:35

Sterilization:
Temperature: 43.8℃
Humidity: 20.1RH
Pressures: -0.0KPa
Sterilization time: 3Hour
Air replace rounds: 5
round time: 15min(s)
2025-7-4 13:37



FM-ISO0-009 Rev.02 (05/11/2020)