

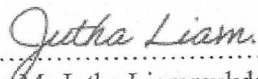
Report Test

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

LOT No : 00967
 Date : 18 April 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 Liamukda
 Research and Development Engineer

Sterilization:
Temperature: 44.1°C
Humidity: 20.18%
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 11:25

Add B2 gas:
Temperature: 44.1°C
Humidity: 20.28%
Pressure: -4.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 11:25

Evacuation:
Temperature: 44.4°C
Humidity: 20.18%
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 11:15

Heating Temp:
Temperature: 43.7°C
Humidity: 20.26%
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 10:18

Keep pressure qualified:
Temperature: 42.5°C
Humidity: 20.18%
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 10:18

Evacuation:
Temperature: 41.9°C
Humidity: 20.18%
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 10:5

Heating up:
Temperature: 24.1°C
Humidity: 20.18%
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 9:31

Setting:
Temperature: 45.0°C
Humidity: 20.28%
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 9:30

18-4-25
HD LOT NO. 969

Air replacement:
Temperature: 45.2°C
Humidity: 20.28%
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 15:53

Air replacement:
Temperature: 45.3°C
Humidity: 20.18%
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 15:30

Air replacement:
Temperature: 45.2°C
Humidity: 20.28%
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 15:13

Air replacement:
Temperature: 44.6°C
Humidity: 20.28%
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 14:52

Air replacement:
Temperature: 45.9°C
Humidity: 20.28%
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 14:32

Sterilization:
Temperature: 45.0°C
Humidity: 20.18%
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 14:30

Sterilization:
Temperature: 44.4°C
Humidity: 20.28%
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 11:27



Sterilization:
Temperature: 44.1°C
Humidity: 20.184
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 11:25

Add EO gas:
Temperature: 44.1°C
Humidity: 20.264
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 11:25

Evacuation:
Temperature: 44.4°C
Humidity: 20.184
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 11:18

Keeping Temp:
Temperature: 43.7°C
Humidity: 20.284
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 10:18

Keep pressure qualified:
Temperature: 42.5°C
Humidity: 20.184
Pressure: -55.80Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 10:18

Evacuation:
Temperature: 41.9°C
Humidity: 20.184
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 10:5

Heating-up:
Temperature: 24.1°C
Humidity: 20.184
Pressure: -5.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 9:31

Setting:
Temperature: 45.0°C
Humidity: 20.184
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 9:30

18-4-25
HD LOT NO. 069

Air replacement:
Temperature: 45.2°C
Humidity: 20.184
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 15:50

Air replacement:
Temperature: 45.9°C
Humidity: 20.184
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 15:50

Air replacement:
Temperature: 45.2°C
Humidity: 20.184
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 15:13

Air replacement:
Temperature: 44.6°C
Humidity: 20.184
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 4
round time: 15min(s)
2025-4-18 14:52

Air replacement:
Temperature: 45.0°C
Humidity: 20.284
Pressure: -1.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 14:02

Sterilization:
Temperature: 45.0°C
Humidity: 20.184
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 14:08

Sterilization:
Temperature: 44.4°C
Humidity: 20.284
Pressure: -0.00Pa
Sterilization time: 3hour
Air replace rounds: 5
round time: 15min(s)
2025-4-18 11:27