



Guangzhou Cleanroom Construction Co., Ltd.

GROSSING STATION

ENGINEERED FOR PRECISION. DESIGNED FOR THE FUTURE.



GCC: Your All-in-One Cleanroom Construction and Solutions Partner

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Suggestions



ABOUT GCC

We are a high-tech enterprise and innovative pioneer specializing in supporting the construction of pathology departments. For many years, leveraging our deep understanding of pathology department development and continuous technological innovation, we have provided high-quality products and services to numerous institutions.

We have successfully delivered multiple benchmark projects, including the Guangzhou CDC, Shenzhen CDC, Tsinghua University, and the Guangdong Medical Devices Quality Surveillance and Test Institute. Moving forward, we will continue to uphold our innovative spirit and contribute to the advancement of pathology department construction.

GCC is committed to being your one-stop partner for pathology laboratory construction and solutions.



01

PRODUCT INTRODUCTION

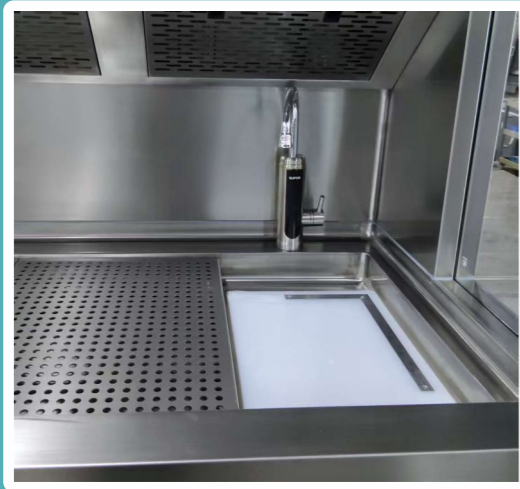


■ Standard Configuration:

1. Bone Tissue Grinder
2. Tabletop Spray Unit
3. UV Sterilization Lamp
4. Instant Hot Water Faucet
5. Retractable Faucet
6. Formalin Priming
7. Control System Touchscreen
8. Fresh Air Laminar Flow Control System
9. Waterproof Socket, UK Type, 2-Pin
10. Laser-Engraved Scale Ruler
11. Magnetic Strip
12. LED Light



Materials and Manufacturing Processes



SUS304 brushed stainless steel worktop, thickness $\geq 2\text{mm}$, integrally cast. Uniform, non-porous surface with no pigment retention or hard-to-clean corners. Resistant to corrosion, high temperatures, acids, alkalis, UV, and radiation-free.

All powder-coated metal parts and decorative particleboard components have passed environmental label product certification, with no detectable antimony, arsenic, cadmium, chromium, lead, or mercury.

Cabinet Thickness

Cabinet thickness $\geq 2.0\text{mm}$, sink made of same material and thickness, with rounded R-corners for easy cleaning, smooth and scale-free.

Stainless steel meets GB/T11170-2008 standards ($C \leq 0.047$, $Si \leq 0.410$, $Mn \leq 1.067$, $P \leq 0.0394$, $S \leq 0.0051$, $Cr \leq 18.627$, $Ni \leq 8.013$). Physical properties: tensile strength ≥ 738 , proof stress ≥ 374 , elongation $\geq 65.0\%$, HV10 ≥ 178.3 . Conforms to GB/T3280.



Style

Adopts a sliding structure with a back panel. Both sides feature 8mm thick tempered glass for a transparent and open view.

Glass components are crack-free and free of visible streaks. Point defects $\geq 0.5\text{mm}$ must be spaced at least 300mm apart, and within a 100mm diameter circle, no more than 3 point defects $\geq 0.3\text{mm}$ are allowed.



Split-Level Dual-Layer Water & Air Flow Separation System

Ionized Fresh Air Laminar Flow Control System: Fresh air supply $\geq 600 \text{ m}^3/\text{h}$. Adjustable upper air supply with perforated panel distribution directs airflow to the operator's breathing zone, ensuring immediate respiratory protection.

Together with bottom exhaust, it creates a "top supply, bottom exhaust" airflow pattern. Operating noise $\leq 45 \text{ dB}$. The supply airflow and noise levels under working conditions must meet the above requirements.



Touch-Integrated Control System

The equipment features a touch-integrated control panel with unified power management, enabling one-touch intelligent air supply/exhaust operation and system start-stop functions.

304 Stainless Steel Construction

Crafted entirely from 304 stainless steel, the unit features a smooth surface with ergonomic comfort, offering superior corrosion resistance, high-temperature endurance, and extended service life while maintaining eco-friendly safety standards.

Air Purification Equipment

The ventilation system features built-in:

- Ionic air purifier
- Airflow velocity sensor
- Air quality monitor
- PM2.5 filtration unit

Parameter

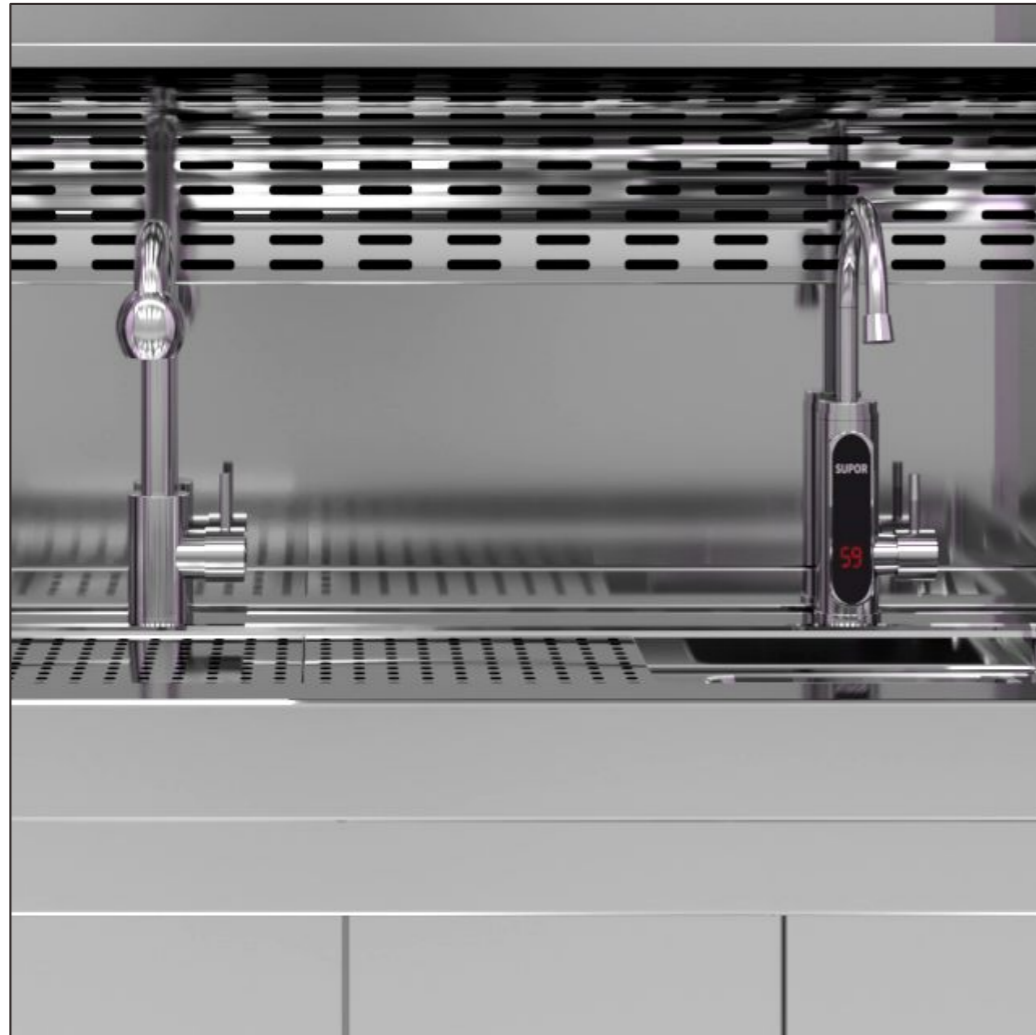
Specifications	Parameters			
Model	GCC-QCTTJ-1500-MY	GCC-QCTTJ-1800-MY	GCC-SJQCTTI-1500-MY	GCC-SJQCTT-1800-MY
Dimensions (L×W×H, mm)	1500x850x2050	1800x850x2050	1500x850x2050	1800x850x2050
Diversion Orifice Material Zone	519x529mm*2	519x529mm*3	519x529mm*2	519x529mm*3
Exhaust Air Volume	1500m ³ /h	1800m ³ /h	1500m ³ /h	1800m ³ /h
Lifting system: Yes / No	No	No	Yes, adjustable up to 300mm	Yes, adjustable up to 300mm
Purified Fresh Air Volume	600m ³ /h			
Material	Worktop: 2mm thickness Full-body: 304 stainless steel			
Water Tank (L×W)	400x300mm			

Note: Custom specifications are available upon request beyond the standard dimensions listed above.

02

Product Details

Product Details



Hot and Cold Water Faucet



Lighting and UV Sterilization

Product Details

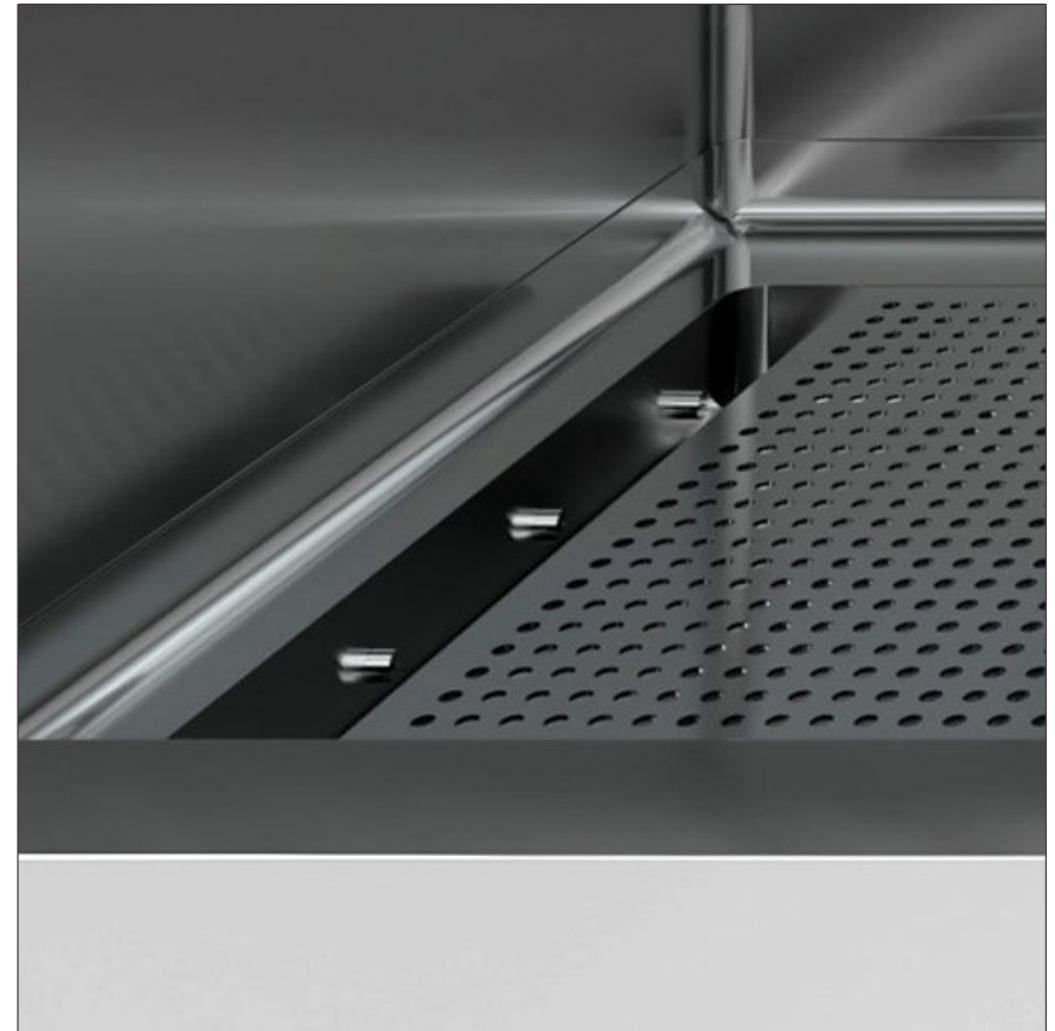
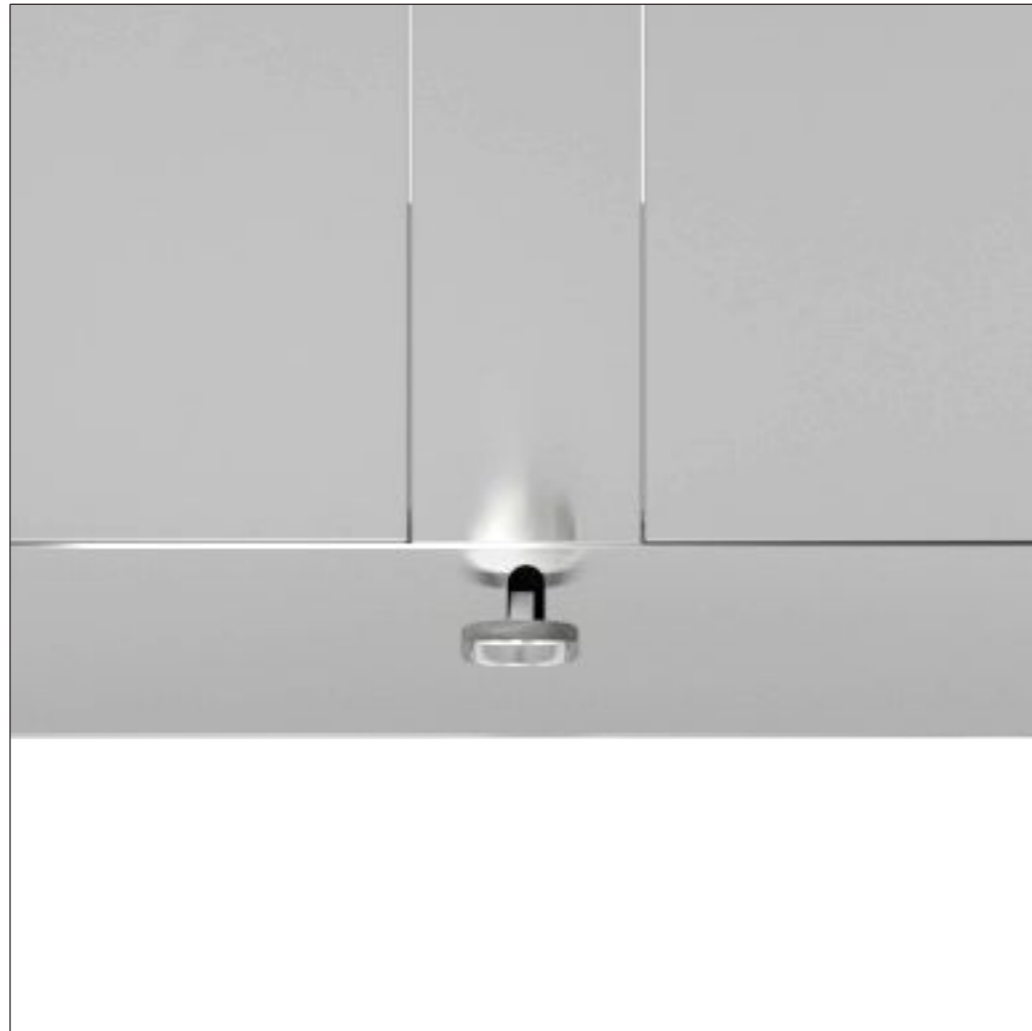


Independent Control Screen



Sliding Glass

Product Details



Foot pedal-controlled desktop spray rinse

Product Details



Formalin Faucet with Independent Screen Control

03

Optional Configurations

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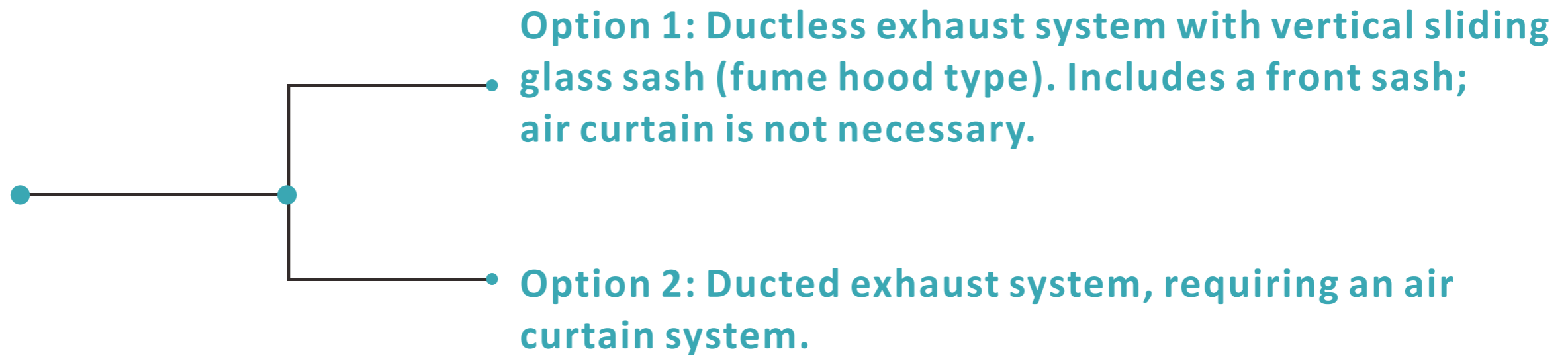
Lifting System



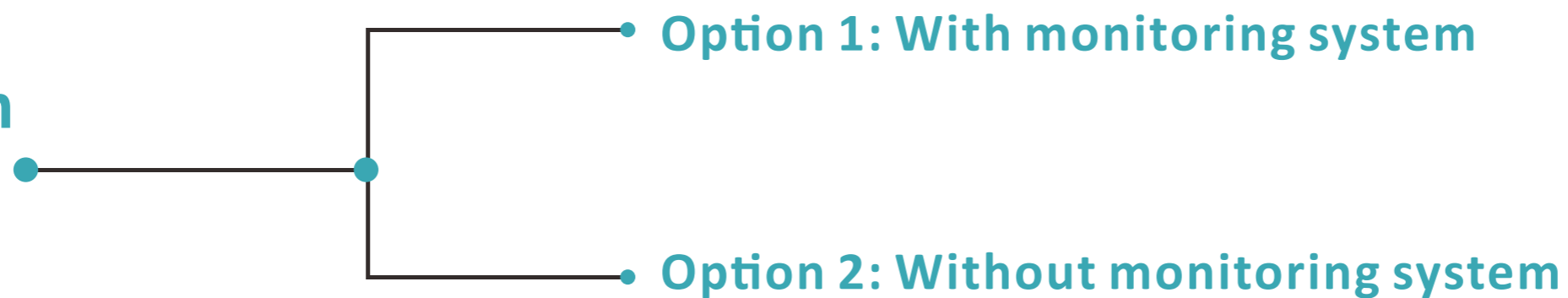
Step on foot pedal — electric height adjustment of the work surface

Optional Configurations

Exhaust System



Detection System



Optional accessories include

Automatic Lifting Function

Gross Specimen Imaging System

Formalin Recovery System

Removable Exhaust Panel

Storage Water Heater

Eye Wash Station

Instrument Tray

Human-Machine Interface

7-inch / 10-inch Control Panel

High-Pressure Rinse Gun

Hand Dryer

Air Purification Unit

Soap Dispenser

Make-Up Air Filtration and Purification Unit