

## Overview



### Banknote Disinfection Cabinets – TDD-BDC-80L



**TDD-BDC** banknote disinfection cabinets are designed for banknotes, plastic / metal coins, certificates, documents, work clothes & protective items sterilization, filling the blank at both home and abroad, and can effectively kill various pathogenic microorganisms tainted on the banknotes such as Corona Virus Disease 2019 (COVID-19), SARS virus, flu virus and tubercle bacillus, with high sterilizing rate reaching the national and international disinfection and sterilization standards. The cabinet is equipped with ultraviolet (UV), Ozone & high temperature sterilization with National Health Certification CNAS and Ultraviolet intensity GB17988 for sterilizing by 253.7nm UV-C direct rays for bacteria and UV-C photon power for destroying DNA and RNA in microbial collective cells to undergo fission or photochemical polymerization for losing its fertility and viability. In terms of safety protection, it is equipped with stainless plates and timers, fuses & dual temperature controllers to ensure safe operation under medium and high temperature (65°C ~ 80°C) conditions. It can be widely applied to the disinfection of banknotes received by banks, post and telecommunications, railway stations, subway stations, bus stations, airports, stores, hotels and restaurants as well as to the banknote treatment of customs, hospitals, areas of infectious diseases and epidemic victims, thereby being beneficial to the prevention of pestilence and to the health of people.

## Features

- **360° Ozone disinfection**

360° detoxification coverage for thoroughly clearance of all cashes and documents.

- **UV sterilization**

The disinfection system is equipped with 2 UV lamps, which can destroy bacteria's DNA structure within short time.

- **Safe & Reliable**

Foamed cabinets and fully sealed stainless steel doors to create physical conditions for thermal insulation and sealing.

- **4 Layers Safety Protection with Hot Air Circulation Device**

Equipped with timers, fuses, and dual temperature controllers to ensure safe operation under medium and high temperature (65°C ~ 80°C).

- **High-Efficiency**

The disinfection is in high efficiency, reduces bacteria on the surface of cashes to 99.99%.

- **Longer Time**

There will be enough time (0-60min) for full sterilization.

- **Customization**

Except the current 35L/60L/80L/500L/900L, we can make customized design on bigger volume base on actual demand.

## Disinfection Process

**Step 1:** Power on the disinfection cabinet.

**Step 2:** Placing the sterilizing cashes in the sterilizing layer.

**Step 3:** Open the UV lamp tubes.

**Step 4:** Start disinfection process.

**Step 5:** Waiting for at least 30 minutes.

**Step 6:** Finish disinfection, the cabinet sends out a signal.

**Step 7:** Open the door to take cashes out at 20 minutes after finished disinfection.

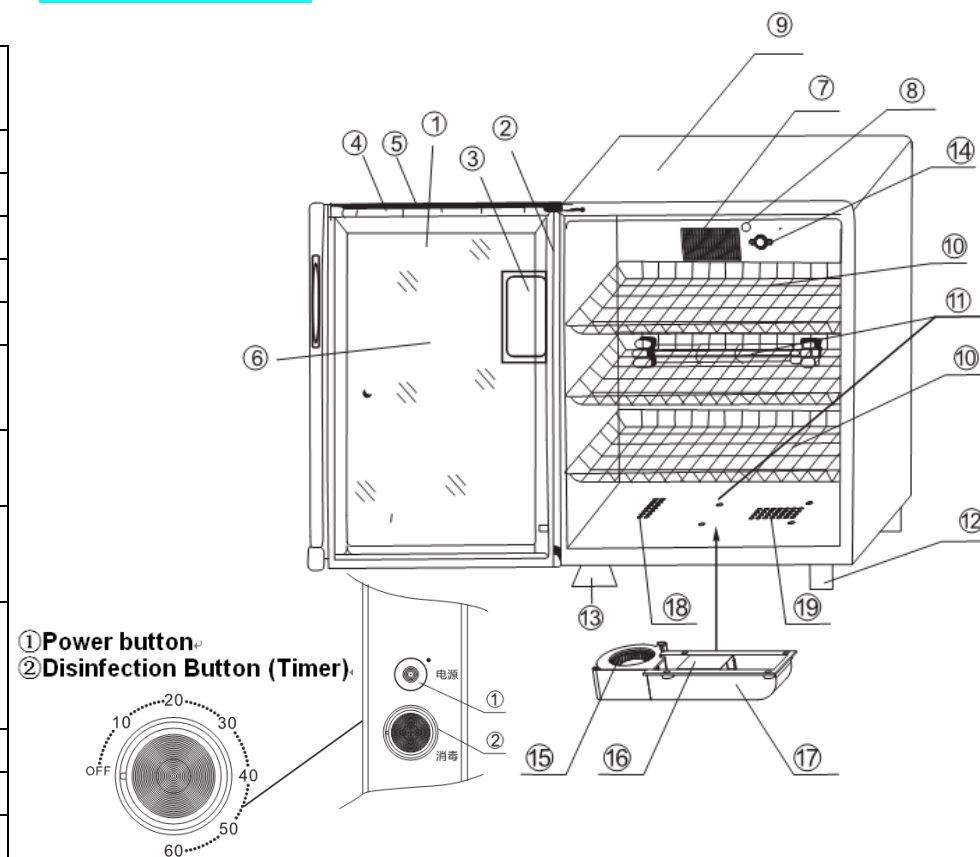
## Specifications

Model	TDD-BDC-60L
Material	Stainless steel plate (cabinet body & door)
Dimensions	420mm x 360mm x 750mm
Capacity	80L (RMB2400000)
Power Supply	100-240 VAC
Rated Power	265W
Disinfection Method	Ultraviolet (UV), Ozone & high temperature

## Technical Parameters

Cash Capacity	600,000 to 1 million	1.2-1.6 million	1.8-2.4 million	10 million	20 million
Material	Stainless Steel				
Rated Voltage	220V				
Rated Frequency	50Hz				
Rated Power	215W				
Gross Weight	5kg	6kg	7kg	9kg	11kg
Thermal Cycle Life	≥1000h				
Shelf Load	5kg				
Full Load Index Parameters	Ozone Concentration		Working Period		
	20mg/m3		0-60min		
Ozone Generator Life≥1000h			UV Tube Life≥1000h		
Implementation Standards: GB4706.1-2005					

## Product Structure



- 1: Door 2: Door Post 3: Buttons Box 4: Door Seal 5: Trim 6: Door Glass  
 7: Ozone Generator 8: Ventilation Holes 9: Body 10: Shelf 11: UV Tubes  
 12: Adjustable Cabinets Feet 13: Big Feet 14: Temperature Controllers  
 15: Blower 16: Heating Components 17: Fan Case 18/19: Air Inlet/Outlet

## Applications

**Banknote Disinfection Cabinets**, Disinfection Cabinets, Documents Disinfection Cabinets, Disinfection for Cashes & Documents, Banknote Sterilizer, Ultraviolet (UV) & Ozone Sterilization Systems, High-temperature Sterilization Systems, Sterilizing Device for Banknotes, Cash Disinfection Cabinets, Coins Disinfection Cabinets, Money Disinfection Cabinets, Files, Books, Plastic / Metal Coins, Certificates, Documents, Work Clothes & Protective Items Disinfection, Sterilizer Cabinets, UV Sterilizer Cabinet, UV Sterilization Cabinets, Ultraviolet Sterilization Cabinets, UV Disinfection Cabinets

## Download

\* TDD ([www.tddtec.com](http://www.tddtec.com), [sales@tddtec.com](mailto:sales@tddtec.com)) reserves the right to change specifications without prior notice.