

Overview



Disinfection Cabinets – TDD-DC-300LB



The TDD-DC disinfection cabinets are designed for banknotes, plastic / metal coins, certificates, documents, work clothes and 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) and Ozone 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 cold rolled steel plates, timers and controllers to ensure safe operation. 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**

Cold rolled steel cabinets and tempered glass doors with mechanical locks to create physical conditions for safety.

● **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 36L/200L/300L/400L/820L, 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 items 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.

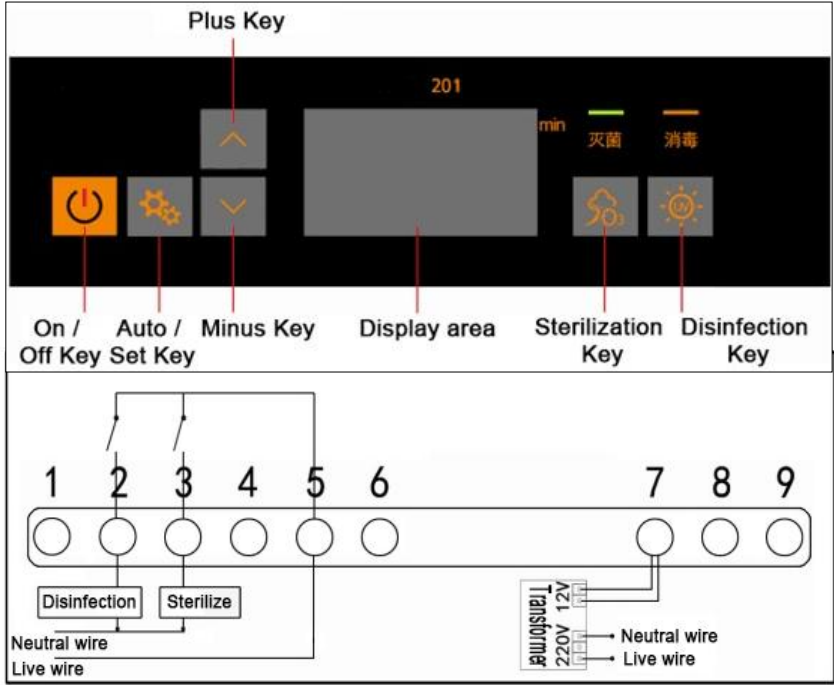
Specifications

Model	TDD-DC-300LB
Material/ Tray Qty	Cold rolled steel plate (cabinet body & door) / Three
Dimensions / Weight	1380mm(H) x 570mm(W) x 500mm(D) / 50KG
Capacity	300L
Ozone Output	6g/h
Power Supply	180-250 VAC
Rated Power	50W
Disinfection Method	Ultraviolet (UV), Ozone & high temperature
Color	White or customized

Technical Parameters

Capacity	36L	200L	300L	400L	820L
Material	Cold Rolled Steel (0.5-1.2mm)				
Rated Voltage	180-250 VAC				
Rated Frequency	50-60Hz				
Rated Power	215W				
Weight	18kg	40kg	50kg	65kg	150kg
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		

Display Interface & Wiring Diagram



Applications

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, Books Disinfection Cabinets, Files Disinfection Cabinets, Plastic / Metal Coins Disinfection Cabinets, Certificates Disinfection Cabinets, Documents Disinfection Cabinets, Work Clothes / Clothing Disinfection Cabinets, Protective Items Disinfection Cabinets, Medical Disinfection Cabinets, Towel Disinfection Cabinets, Sterilizer Cabinets, UV Sterilizer Cabinet, UV Sterilization Cabinets, Ultraviolet Sterilization Cabinets, UV Disinfection Cabinets

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* TDD (www.tddtec.com, sales@tddtec.com) reserves the right to change specifications without prior notice.