



# TESTMACLAB

## DISINFECTION SYSTEMS

UVC Disinfection Device  
for  
Luggage Disinfection



DISINFECTION

## UVC Disinfection Device for Luggage Disinfection



### PRODUCT MODEL

DTC5000	UVC Disinfection Device for Luggage Disinfection, 220-240V 50-60Hz
DTC5000 /110	UVC Disinfection Device for Luggage Disinfection, 110V 60Hz

### INFORMATION

Manufacturer	TESTMACLAB LABORATUVAR TEST CİHAZLARI PAZARLAMA VE DIŞ TİCARET LTD. ŞTİ.
Country of Origin	TURKEY
Product Name	UVC Disinfection Device for Luggage Disinfection



## UVC Disinfection Device for Luggage Disinfection

### DESCRIPTION

As Testmaclab, our development team has started working on finding solutions to some of our problems in dealing with the corona virus outbreak. Airports are one of those places where viral loads are high, but we have to go to meet our needs. Disinfection of baggage is one of the important factors in preventing the transmission of the virus.

The luggages are exposed to ultraviolet lamp light for 15 seconds and disinfection process takes place. Conveyor belt work speed time are regulated at the request of the customer.

There is a curtain system that does not reflect ultraviolet light on the front and back of the device. The working life of ultraviolet lamps is 9000 hours. The upper cover is designed to be removable in order to change the lamps when necessary. It should be noted that the upper cover is closed before using the product. Do not operate the device with the upper cover open.

Disinfection device maintenance and warranty

You do not need to perform any maintenance on the main unit. It is recommended to periodically clean the UV lamp. For cleaning, it is sufficient to wipe off the dust accumulated on the lamp with a soft cloth. Lamp life is 9000 hours. It is recommended to calculate the date of lamp replacement by calculating the approximate usage time. Main body and mechanical parts are warranted for one year against manufacturing defects. We wish you to enjoy your device on healthy days.

### SPECIFICATIONS

- Inner casing, casing made of AISI 304 stainless steel.
- Outer casing, painted steel casing.
- 30W 92cm UVC Light.
- Minimum consumption, maximum efficiency.
- Modular design, easy to install.
- Declaration of conformity and test report in accordance with the Machinery Directive CE 2006/42 / AT.

### IMPORTANT WARNINGS FOR SHOPPING CART DISINFECTION SYSTEM USE

- Eye contact with of UVC lamp will damage your health.
- It is obligatory for the personnel in charge to use protective mask and goggles during the disinfection system.
- If disinfectant liquid comes in contact with the eyes, wash your eyes with plenty of water.
- If UVC lamp is contact and look, go to the nearest health institution.
- Use the disinfection system under the control of the staff.
- Do not allow the system to used except for authorized persons.
- Always use protective glasses, mask and gloves when placing shopping carts inside the cabin.

## UVC Disinfection Device for Luggage Disinfection

- After disinfection, open the door of the device and ventilate for a minimum of 10 minutes.
- In case of a malfunction that may occur in the disinfection system, inform the authorized personnel.
- Do not allow anyone to intervene in the system, except for uneducated personnel.
- Keep the system under control in a safe area against malicious people.

### 1- UVC LAMP



The device performs air sterilization with the sterilization effect of ultraviolet light. It destroys pathogenic microorganisms, viruses, bacteria, fungi and molds in the air. The lamp used in the device emits 254 nm of radiation. Hns 30w g13 bulb is used in the device. The device can work with 220 volts and 50 hz. ignition system is electronic ballast. 30w ultraviolet lamp is effective 20-25 m<sup>2</sup> in 1 hour usage.

- The light should not be looked at for a long time.
- It should not be in contact with the skin.
- Exposure to UVC radiation for a long time may cause burns in the body.

Supply Current	0.13A
Instant Power	30W
Lamp Current	0.36A
Nominal Voltage	96V
UVC Output (254nm)	12W
First UVC Radiation	1.12W/m <sup>2</sup> @ 1m
Operating Temperature	-10C <sup>0</sup> .... 35C <sup>0</sup>

## UVC Disinfection Device for Luggage Disinfection

### 2- MOVING BELT SYSTEM



The belt system moves with the help of an engine and provides the movement of the trunk within the system.

### 3- ON/OFF, START, STOP AND EMERGENCY BUTTON

**ON/OFF BUTTON:** It is used to power the device.

**START BUTTON:** It provides the operation of the belt system and disinfection system of the device.

**STOP BUTTON:** It ensures that the tape system and disinfection system of the device are stopped.

**EMERGENCY BUTTON:** In emergencies, it stops the device by cutting off the power of the device.

### TECHNICAL SPECIFICATIONS

Conveyor Belt System	30W UVC Ultraviole Sterilazation Lamp
Conveyor Belt Thickness	3 mm
Dimensions	110x300x170cm
Weight (approx)	280 kg



Telephone : +90 312 395 36 42  
Fax : +90 312 395 36 01

Website : [www.testmak.com](http://www.testmak.com)  
E-Mail : [info@testmak.com](mailto:info@testmak.com)

Koca Sinan Industrial Sites 1183 Street No:  
40 06370 OSTIM / ANKARA / TURKEY