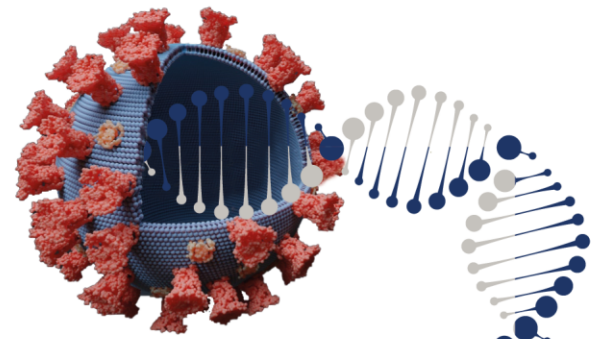


# Disinfectant TARACLEAN

For books and supplies



## TC-200



### Taraclean specifications :

- ✦ Using Ultra radiation, negative ions and powerful fans simultaneously
- ✦ Sterilization and disinfection for all surfaces and whole parts of the object
- ✦ UV protection on the glass door
- ✦ Having particular space to put various tools at once
- ✦ Timer switch and alarm to warn when the process is finished with auto shut down
- ✦ Monitoring temperature and humidity
- ✦ Sterilize electronic devices and equipment sensitive to alcohol and detergent
- ✦ Child lock

### Specifications

✦ Model	TC-500	TC-200	TC-65
✦ Volume (Liter)	500	200	65
✦ Power (w)	120	70	30
✦ Dimension (cm)	200*70*50	86*65*55	65*40*38

### Corona and paper sterilization challenges

Prevalence of Corona Virus has influenced all activities in life mainly books and book reading. In a way that over the past year, public libraries providing online services, have refrained all their visitors from entering to the libraries. This lead to lack of interest in reading online books and dramatically a sharp decrease in book reading per capita in the country.

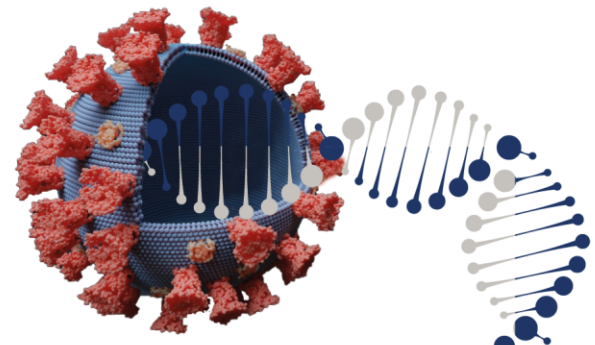
Therefore, to represent in-person service attendance, libraries developed one week book quarantine as one of the solutions to suppress Corona virus, but it was time consuming, so finding a fast and new solution became the only concern of the authorities.

According to reports, because of its time consuming process, books quarantine was replaced with microwaving books in Florida, so that TambaBy library in Florida warned the destructive effects of this method on books with the slogan "Microwave's not a place to sterilize"



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## TC-500



### Overview of antiseptic methods from viruses and bacteria

The process of sterilizing with UV radiation is a quick physical process. Ultra violet radiations can be absorb by bacteria, viruses like flu, corona and etc. therefore, this radiation prevents cell multiplication by making mutation and destruction in cell's DNA, as the DNA is damaged its organism gets deactivated and eventually is destroyed because of cell death.

On the other hand viruses, bacteria and most pollutants in the air have positive charge. High density of positive charges cause Asthma and Embolism. So presence of negative ions can be beneficial. As a result, these negative ions are absorbed by particles in the air. High voltage and UV radiation are main methods of Ionization.

This process makes particles in the air heavier and unbreathable. So ionized particles can be purified by powerful filters and fans. HEPA filter is one of the most appropriate options for this purification.

These filters are able to absorb 99.7% of particles heavier than 0.3 micron. So it seems sterilizing with UVC radiation, ionization and HEPA filter are the most effective methods to eliminate viruses and bacteria. This method is the best replacement of book quarantine to sterilize.

### Book, equipment and documents sterilization for the first time in the country

At the same time of the spread of corona virus in the country and the importance of health of the society, Taratech company unveiled TARACLEAN sterilization machine. This machine can use UVC radiation, ionization and HEPA filter for multidimensional sterilization. Also it has all standards mainly confirmation of Ministry of health and medical.

All offices, banks, universities, libraries, schools and kindergartens are the places that can use this machine. The design of this machine is in a way that, besides sterilizing books and papers, it can sterilize electronic devices and equipment sensitive to alcohol and detergent.

This machine can compete with its similar international models both in terms of quality ad price. Therefore if you are thinking of making your organization, documents, equipment and books immune to viruses and bacteria, contact our experts right away and choose a model appropriate for your business.



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HEPA