Paper-based items like security passes, letters, currency notes etc. have been reported to be a major source of spread of viral diseases like COVID-19. The ‘Paper Disinfector’ has been designed to meet the imminent need to disinfect daily paper-based items entering an establishment. The device consists of two foldable halves - an upper lid and a lower lid. To disinfect various paper-based items entering the establishment at the security office or the central registry, like entry passes, tender documents, bills etc., the the paper-based item is placed in between the two lids and then heated. Heating is done by means of special thermal cloth with embedded heating wire of selected resistivity. Paper / envelopes up to A4 size can be disinfected using the device.

**Technical Specifications**

- **Power**: 120 W
- **Operating Temperature**: 110 °F
- **Maximum Temperature**: 120 °F
- **Holding Time Modes**: 3 types (selectable)
- **Heating area**: L350 × W260
- **External Dimensions**: L500 × W350 × H90 mm (max)

**Features**

- Cost-effective design
- Compact and light weight
- Portable unit
- Powered from the 230 V AC mains
- Quick heating and cooling
- Provided with ON/OFF switch and indicators
- Provided with fuse and timer control
- Different operation modes for the type of item
- Settings for temperature and exposure time

Disclaimer: All design rights reserved. Design & specifications are subject to change without notice.

Designed & Developed by
Naval Physical & Oceanographic Laboratory
Defence Research & Development Organisation
Thrissakara P.O., Kochi - 682021

Manufactured by
Keltron Controls, Aroor
A Unit of KSEDC Ltd.,
Aroor, Alappuzha, Kerala - 688534