

# **SANI HANDHELD SANITISER**





#### **Technical Details**

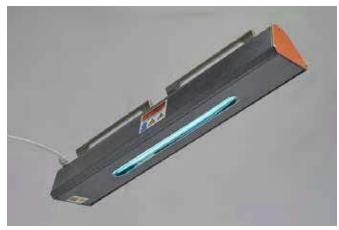
Model Sani 95 W UV-C

Input 220V
 Ampere 0.25
 Frequency 50Hz

Dimensions(LxWxH) 60cmx15cmx10cm

Enclosure Aluminium Powder Coated

Weight 4 KgLight Source 253.7 nm



The Impact of Ultraviolet Light on Survival and Behavior of the Human Bed Bug, Cimex lectularius Linnaeus

Research Thesis Presented in Partial Fulfillment of the Requirements for graduation with research distinction in Entomology in the undergraduate colleges of The Ohio State University by Jaime Iten The Ohio State University

April 2013

## **Applications**

- Mattresses
- Pillows
- Carpets

Below is a list of radiation doses required for 90% inactivation of various micro-organisms.

### Bacteria (µW/cm²)

Staphylococcus species 1,800-2,600
Streptococcus species 2,000-6,100
Shigella paradysenteriae 1,680
Spirillum rubrum 4,400
Pseudomonas species 3,500-5,500
Escherichia Coli 3,000
Mycobacterium Tuberculosis 10

#### Yeasts

Saccharomyces Cerevisae 33-100

### **Mould Spores**

Aspergillus Niger 132,000

All Sani units incorporate Photo-catalytic materials that enhance their efficiency.

All Sani units are built to WHO Safety Standards & UK Health & Safety Standards for UV sanitation.

Trials undertaken by C.S.I.R., Infruitec & Mycological Quality Control Consultancy have proven the efficiency of the unit against both Aspergillus Niger and Botrytis Cinerarea spores. (Test results available on request).

Please note that we reserve the right to alter, amend or change all units without prior notice.