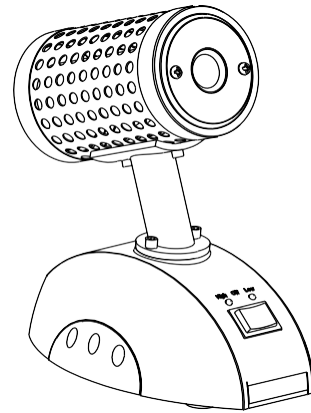


Model YR403-1

Kalstein Bacti-cinerator Sterilizer

## Instruction Manual



Thank you very much for purchasing our Bacti-cinerator Sterilizer YR403-1.

Please read the “Operating Instructions” and “Warranty” before operating this unit to assure proper operation. After reading these documents, be sure to store them securely together with the “Warranty” at a hand place for future reference.



**Warning:** Before operating the unit, be sure to read carefully and fully understand important warnings in the operating instructions.



OUR SERVICES

## Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



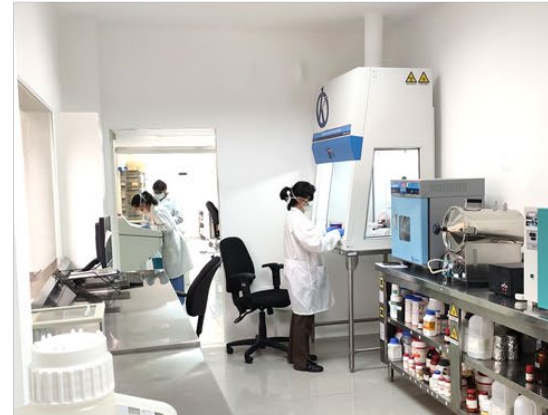
### Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



### Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



### #Letsgivemore ♥

Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



### Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



### Delivery Logistics

We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



### Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.





## Foreword

Thank you for purchasing our Products: Bacti- Cinerator Sterilizer, This Manual for users contains function and operation of the Instrument. In order to use the instrument properly, please read this manual carefully before using the Instrument.

## Opening Check

Please check the Instrument and Appendix with the packing list when you first open the instrument packing case. If you find there is something wrong with the Instrument and the Appendix, do contact the vendor or the producer.





## Contents

1. Introduction .....	1
1.1 Structure Description .....	1
2. Technical data .....	2
3. Operating Instructions .....	3
4. Precautions and Maintenance .....	4
5. Warranty Information .....	5
6. Packing List .....	5

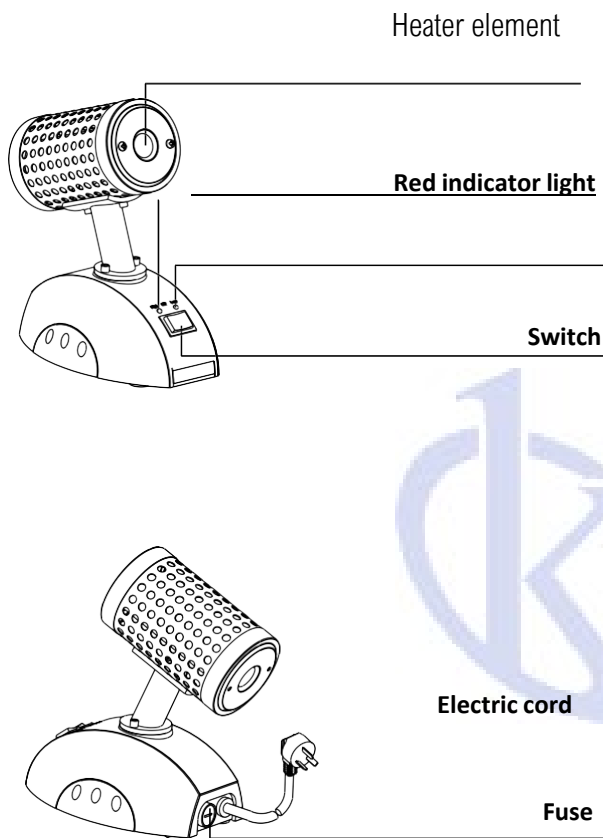


## 1. Introduction

The Bacti-Cinerator Sterilizer is a gasless, flameless sterilizer for use with inoculating loops and needles. Sterilization is accomplished through infrared heat without dangerous spattering of microorganisms.

Before starting up this unit for the first time, please read the rest of this operations manual.

### 1.1 Structure Description



## 2 Technical data



Model	YR403-1
Power supply	220 V~ 60Hz
Power	170W
Highest temperature at core	825°C ± 50°C
Largest possible diameter of item to be sterilized	φ14mm
Length of heating area	150mm
Heating time	20min
Fuse	250V 3A 5X20
Ambient temperature	5°C ~ 40°C
Dimensions (W×D×H)	97X185X185mm
Net Weight	1.1kg

### 3 Operating Instructions

3.1 Remove any packaging that protects the Bacti-Cinerator Sterilizer from being damaged during shipment.

3.2 Plug the electrical cord into the appropriate outlet. The unit must be properly grounded.

3.3 The red indicator light will come on when the switch is in the “High” position. Twenty minutes after the Bacti-Cinerator Sterilizer is plugged in, the optimum sterilizing temperature (825°C) will be reached. If the unit is not going to be used for extended periods of time, please set the switch in “Off” position to conserve the life of the heater element.

Note: If the unit keep the sterilizing temperature (825°C) over three hours, please set the switch in “Low” position for half an hour, then set the toggle switch in “High” position again. This will conserve the life of the heater element too. The green indicator light will come on when the switch is in the “Low” position.

3.4 Gently insert the loop or needle, attached to an insulated loop holder, into the heater element. Avoid scraping the sides of the element to ensure the longevity of your loop and heater element. The loop should remain within the heater element a minimum of five seconds.

### 4 Precautions and Maintenance



**4.1** Only insulated loop holders should be used when inserting inoculating loops or needles into the heater element.

**4.2** The Bacti-Cinerator Sterilizer is not intended for use with scalpels, forceps or any sharp objects. The use of such objects can cause element malfunction and void the heater element warranty.

**4.3** Visual inspection of the heater element should be performed periodically to determine if the heater element core is worn. Inspect for small cracks and residue buildup in both the cool and heated conditions. In the heated condition, cracks can be seen as small, intensely yellow-orange fissures. If any defects are noted, the heater element should be replaced before element malfunction occurs.

**4.4** The inoculating loops and needles should not be allowed to set in the heater element for extended periods of time. This will cause the loop holder to become extremely hot and increase the wearing of the loops and needles.

## **5 Warranty Information**

**5.1** The Bacti-Cinerator Sterilizer unit itself (without heater element) is warranted for one year against defects in material and workmanship. The warranted life of the heater Element is six months.

**5.2** This warranty becomes effective when the ultimate user receives the product and will be based on proof of purchase or date of invoice.

**5.3** Should damage to the instrument occur due to improper use or improper maintenance, this written warranty is void.



## 6 Packing List

No.	Item	Type	QTY
1	Bacti-Cinerator Sterilizer	YR403-1	1
2	Operationsmanual		1
3	Fuse	250V 3A	2
4	Certification		1

