

# SIRIUS

## Microincinerator

### A Microincinerator you can touch!

Meet new safety regulations with a revolutionary Microincinerator!



- **WORK WITH GLOVES**
- **MULTIPLE USE**
- **USER SAFETY**

#### ■ **Sterilization**

After reaching a sterilization temperature of around 1000°C, loop and needle are sterilized in 2-4 seconds.

#### ■ **Supports Working with Gloves**

With it's unique design the temperature of the exterior surface does not exceed 30°C.\*

#### ■ **Sterilization in quartz tube**

Prevents aerosol formation

#### ■ **User Safety**

Heater resistance running with 12V



Slide fixation



Loop sterilization



You can safely touch the exterior surface during operation

\* When the device is operated in still air and at room temperature

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New safety regulations have meant that Microincinerators are increasingly replacing the traditional Bunsen burners that have long been fundamental to microbiology laboratories. Accordingly, CDC and WHO recommend using microincinerators in laboratories instead of Bunsen burners.

Microorganisms taken from liquid cause formation of aerosol in Bunsen Burner applications. Since this process is carried out in quartz tube in the Sirius micro Incinerator aerosol formation is completely inhibited.

When using biosafety cabinets contrary to bunsen burners, the filter system is not damaged and cabinet air flow not affected.

### Features & Advantages

- During operation the exterior surface temperature of the device is 30°C\*
- Maximum user security with heater resistance of 12V
- Suitable for slide fixation and sterilization of culture tubes
- Energy and environment-friendly design and minimum ensures power consumption
- Operational adjustment as 270°

### Technical Specification

**Main Input Voltage :** 210-230V, 50 Hz

**Heater Operating Voltage:** ~11,5V Max.

**Energy Consumption :** 0.150 kw/h

**Quartz Glass Tube Dimensions :** Ø 18 mm, lenght:100 mm

**Sterilization Temperature:** 850°C – 1100°C

**Time to Reach Sterilization Temperature :** 7-9 min.

**Sterilization Duration :** 2-4 seconds

**Surface Temperature of Device during Operation:** 30°C \*

**Weight :** 3100 gr

**Dimensions :** W150 x D250 x H 215 mm



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\* When the device is operated in still air and at room temperature 23°C.