

# LOOP STERILIZER



**CONTACT US**

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## ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

## DESCRIPTION

Loop sterilizer, also known as Bacti-Cinerators, are designed to sterilise metal inoculating loops and needles without the use of an open flame. Utilising an electric heat source, these devices provide a safer alternative to traditional gas burners, effectively minimising fire hazards and improving laboratory safety. Their enclosed heating system helps prevent infectious spatter and reduces the risk of cross-contamination, making them an ideal choice for sterile work environments.

The applications of loop sterilizer are in microbiology laboratories, clinical diagnostic, pharmaceuticals labs and educational and research institutions.

## KEY FEATURES

### Flameless Sterilisation

- Designed to sterilise inoculating loops and needles, completely replacing the need for traditional alcohol lamps.

### High-Temperature Performance

- The heating chamber reaches temperatures up to 800°C, achieving thorough sterilisation in just 5–7 seconds.

### Anaerobic Chamber Compatibility

- Suitable for use inside anaerobic chambers, ensuring flexible applications in various lab environments.

### Compact & Lightweight Design

- Small in size, lightweight, and easy to clean — ideal for laboratories with limited bench space.

### Adjustable Heating Body

- The heating element angle can be adjusted for convenient and ergonomic operation.

### Safe & Clean Operation

- Organic substances are ashed deep within the ceramic funnel, preventing infectious spatter and cross-contamination.

### Precise Temperature Control

- An advanced temperature control system prevents overload of heating elements, extends device lifespan and ensures consistent performance.

## TECHNICAL SPECIFICATIONS

Model	IGN-800D
Max. Temp.	800°C
Min. Temp.	400°C
Heating Speed	20 mins to reach max. temperature
Max. Sterilize Diameter	Φ35 mm
Heating Element Length	100 mm
Adjustable Angle	75°~120°
Voltage	AC 220V / AC 110V, 50/60Hz
Power	400 W
Fuse	250V, 3A/5A, Φ5x20
Dimension (WxDxH)	92 x 101 x 170 mm
Net Weight	1.1 kg



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