



## Infrared Sterilizer (Part #: ST15014 & ST10035)

### User Guide

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## I: Brief Introduction

SciGene infrared sterilizer adopts international advanced design concepts and manufacturing technology, with firm structure, high versatility and simple operation. This instrument is mainly used for high-temperature sterilization and disinfection of small items such as inoculation loops and inoculation needles. It can replace alcohol lamps and is convenient and quick.

## II: Products Overview



**Part #:**  
**ST10035**





**Part #:**  
**ST15014**

### III: Products Introduction



## IV: Technical Data

Part #	ST15014	ST10035
Picture		
Power	110V/220V;150W	110V/220V;240W
The Center High-Temperature	825 °C ± 50 °C	
Standby Constant Temperature	Heating with two gears 400 °C / 850 °C	
The Max-Diameter Of Sterilizer Goods	φ 14mm	φ 35mm
The Length Of Sterilizer	150mm	100mm
Heating Time	10 minutes	
Working Condition Temperature	5 ~ 40 °C	
Relative Humidity	≤90%	
Dimensions	175 x 130 x 185mm	147 x 130 x 200mm
Weight	1.3kg	1.4kg

## V: Operation Guide

### Application

It is mainly used for microbiological experiments in biological safety cabinets, purification workbenches, mobile vehicles and other environments.

### Applied Area

Used for high temperature sterilization of small items such as inoculation loops and inoculation needles.

### Using Steps

- Place the instrument on a stable workbench, put the switch in the OFF position
- Plug in
- Turn the switch to required position
- Turn the switch to OFF position when done using, then plug out instrument and let cool down

### Instrument Use Environment

- Indoor use only
- The working environment of the instrument is suitable for the temperature range of +5°C~+40°C
- The applicable temperature range of the instrument is  $\leq 80\%$
- There should be no vibration and airflow that affect performance of the instrument
- There should be no conductive dust, explosive gas or corrosive gas in the surrounding air
- Keep a safety distance of 10cm before and after the instrument is working

### Safety Precautions

- Do not plug in the power connector and toggle the power button when your hands are wet with liquid
- Do not unplug the power plug when the instrument is powered on
- Do not clean the instrument when it is powered on
- Do not install the instrument on an uneven, swaying and vibrating work surface

## Package List

