USER MANUAL

INFRARED STERILIZER

PCE-IRS 150 / PCE-IRS 240

ENGLISH



User manuals in various languages (français, italiano, español, português, nederlands, türk, polski) can be found via our product search on:
www.pce-instruments.com

BRIEF INTRODUCTION

This brand infrared sterilizer adopts international advanced design concepts and manufacturing technology, with smooth and beautiful appearance, compact and firm structure, high versatility, simple operation and other advantages. It is a rare instrument of scientific research and experiment. 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.

PRODUCT INTRODUCTION

1 - Desinfection hole
2 - Switch/gear
3 - Plum socket



TECHNICAL DATA

Model	PCE-IRS 150	PCE-IRS 240
Voltage	AC220V 50Hz	
Power	150	240
Max. temperature inside the heating hole	825°C ±50°C	
Heating temperature	Two temperatures available: 400°C / 850°C	
Max. diameter of sterilizer goods	ø 14	ø 35
Length of heating zone	150	100
Warm-up time	10 ... 20 min	
Fuse	250V 3A 5x20	

Model	PCE-IRS 150	PCE-IRS 240
Ambient temperature	5 ... 40°C	
Relative humidity	≤90%	
Product size	175x130x185mm	147x130x200
Net weight	1.3	1.4

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, file the switch in the OFF position

» Plug in

» Turn the switch to the required position

Instrument use environment

» Indoor use

» 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 ≤80%

» There is no vibration and airflow that affect performance around

» There is 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

» It is strictly prohibited to plug in the power connecter and toggle the power button when the hands are wet with liquid!

» It is strictly prohibited to unplug the power plug when the instrument is live!

» It is strictly forbidden to maintain and clean the instrument when it is powered on!

» It is strictly forbidden to install the instrument on an uneven, swaying and vibrating work surface!

DISPOSAL

For the disposal of batteries in the EU, the (EU) 2023/1542 directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose. In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law. For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations. If you have any questions, please contact PCE Instruments.

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