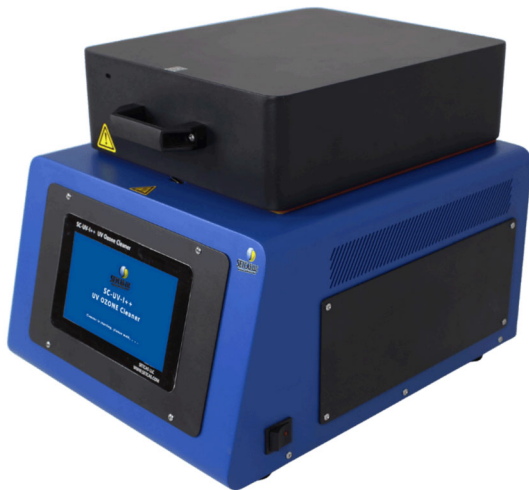


## SC-UV-I++

### TOUCHSCREEN UV-OZONE CLEANER

The SC-UV-I++ is a high-performance UV-Ozone cleaning system equipped with an integrated 7-inch retina touch screen HMI. Featuring a top-opening lid design for lamp access and a motorized sample tray lift (0-30 mm), it incorporates a regulated gas path system with needle valves to support precise flow rates and gas-assisted surface preparation.



#### AT A GLANCE

Tray Area **210 × 210 mm**

HMI Interface **7" Retina Touch**

Irradiation Area **0 - 30 mm Motorized**

Lamp Power **150 W**

Chamber Material **Stainless Steel**

#### 7-Inch Retina HMI

Features an intuitive 7-inch high-resolution touchscreen interface for timer programming, status alerts, and active countdown monitoring.

#### Regulated Gas Path System

Includes pre-installed air inlet ports with integrated needle valves to support adjustable flow rates and specialized processing gas integration.

#### Motorized Tray Height Lift

Supports motorized sample-to-lamp height adjustments ranging from 0 to 30 mm to optimize ultraviolet irradiation densities.

#### Top-Opening Lid Access

The top-opening compartment configuration simplifies the lamp replacement procedure and periodic maintenance tasks.

#### SETCAS ELECTRONICS CO., LIMITED

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## Technical Specifications

<b>Process capabilities &amp; Optics</b>	
<b>Cleaning Wavelengths</b>	185nm and 254nm (Dual-Band)
<b>Light Tube Type / Power</b>	Dual wave low pressure mercury tube / 150 W
<b>Average UV Intensity</b>	28~32 mW/cm <sup>2</sup> (at a distance of 3-5mm from the UV lamp)
<b>Effective Irradiation Area</b>	210 mm × 210 mm
<b>Tray Dimensions / Height Adjustment</b>	210 mm (W) × 210 mm (D) × 0–30 mm (H) / 0–30 mm (motorized tray lift)
<b>Structure &amp; Safety Controls</b>	
<b>Material &amp; Human-Machine Interface</b>	Stainless steel chamber / 7-inch high-resolution retina touchscreen
<b>Structure / Lid Design</b>	Drawer-style stage / Top-opening lid design for easy lamp replacement
<b>Gas Path System</b>	Pre-installed air inlet port with adjustable air intake valve for precise flow control
<b>Safety Protection / Timing</b>	Drawer opening/closing interlock / Digital timer with countdown display
<b>Accessories / Heating Range</b>	Ozone neutralizer (optional) / Room temperature to 200 °C
<b>Power &amp; Facilities</b>	
<b>Air Inlet &amp; Outlet</b>	Inlet: φ8 mm; Outlet: φ25 mm (adjustable inlet valve for flow control)
<b>Power Supply (UV Cleaner)</b>	AC 220V Standard / AC 110V Optional (150 W)
<b>Facilities &amp; Mechanical Data</b>	
<b>Outer Dimensions (Device)</b>	550 mm (W) × 450 mm (D) × 350 mm (H)
<b>Product Net Weight / Warranty</b>	25 kg / 1 Year
<b>Operating Environment</b>	0 - 40 °C / < 85% RH

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