

TECHNICAL DATA SHEET

Levon[™] UC100-SE UV Ozone Cleaner

300 W U-shaped lamp · 185 nm + 254 nm · cleaning area ≤8 inches · 35 mm illumination height · 99.99 h continuous cleaning time



Levon[™] UC100-SE UV Ozone Cleaner — Representative Configuration

The Levon[™] UC100-SE UV Ozone Cleaner is a UV cleaner with an integrated embedded control system and a pull-out cleaning chamber. Image shown for reference; final configuration is confirmed in the quotation.

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SECTION I

Product Overview

Levon™ UC100-SE UV Ozone Cleaner is a UV cleaner with a 300 W U-shaped lamp (lamp spectrum 185 nm + 254 nm), a cleaning area of ≤8 inches and an illumination height of 35 mm.

The UC100-SE uses an integrated embedded control system with an LCD digital display for text interaction and digital operation. Fan speed regulation is 5-level speed regulation and the continuous cleaning time is 99.99 h. The UC100-SE has a pull-out, damped self-closing cleaning chamber, an independent tray structure for picking and placing pieces and an independent lamp structure; the lamp lifetime is ≥8000 h. The unit measures 330 × 423 × 312 mm (W × D × H), weighs 19 kg and is shipped in carton packaging.

SECTION II

Core Advantages

- **Embedded control system** Integrated embedded control system.
- **Continuous cleaning time** Specified continuous cleaning time of 99.99 h.
- **Independent tray structure** Independent tray structure for picking and placing pieces.
- **LCD digital display** LCD digital display with text interaction and digital operation.
- **Pull-out cleaning chamber** Pull-out, damped self-closing cleaning chamber.
- **Independent lamp structure** Independent lamp structure with a U-shaped 300 W lamp; lamp lifetime ≥8000 h.

SECTION III

Specifications

Technical data — UC100-SE

Specifications	
Parameter	Specification
Brand	Levon™ by ACS Material
Product Name	Levon™ UC100-SE UV Ozone Cleaner
Model	UC100-SE
SKU #	LVUC1000
Product type	UV ozone cleaner
Control system	Integrated embedded control system
Display	LCD digital display, text interaction, digital operation
Lamp wattage	300 W
Lamp lifetime	≥8000 h
Lamp shape	U-shaped
Lamp spectrum	185 nm + 254 nm
Cleaning area	≤8 inches
Illumination height	35 mm
Fan speed regulation	5-level speed regulation
Continuous cleaning time	99.99 h
Cleaning chamber	Pull-out, damped self-closing
Tray	Independent tray structure
Lamp structure	Independent lamp structure
Dimensions [W × D × H]	330 × 423 × 312 mm
Weight	19 kg
Packing	Carton packaging
Warranty	1-year product warranty

Scope of delivery

- **Standard configuration:** one UC100-SE main unit, carton packaging.
- **Utilities and scope** — the power input and the scope of supply are confirmed in the quotation.

SECTION IV

Applications

For laboratory UV cleaning of samples within a cleaning area of ≤ 8 inches at an illumination height of 35 mm, with a 300 W U-shaped lamp (185 nm + 254 nm). For a hot plate temperature range of RT to 200°C and an irradiation height of 31–44 mm (substrate thickness excluded), adjustable by jacking, see the UC200-SE.

Product value: UV cleaning within a cleaning area of ≤ 8 inches with a 300 W U-shaped lamp (185 nm + 254 nm) in an independent lamp structure.

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