

TECHNICAL DATA SHEET

Levon[™] UC200-SE Heated UV Ozone Cleaner

300 W lamp · 185 nm + 254 nm · hot plate RT to 200°C · 500 W heating power · cleaning area ≤8 inches



Levon[™] UC200-SE Heated UV Ozone Cleaner — Representative Configuration

The Levon[™] UC200-SE Heated UV Ozone Cleaner is a benchtop UV cleaning system with a heated hot plate and an irradiation height adjustable by jacking. Image shown for reference; final configuration is confirmed in the quotation.

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ACS MATERIAL, LLC

959 E Walnut St., Suite 100
Pasadena, CA 91106, USA

Phone +1 (866) 227-0656

Fax +1 (781) 518-0284

contact@acsmaterial.com

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SECTION I

Product Overview

Levon™ UC200-SE Heated UV Ozone Cleaner is a heated UV cleaner with a 300 W lamp (lamp spectral output 185 nm + 254 nm), a hot plate with a temperature range of RT to 200°C and an irradiation height of 31–44 mm (substrate thickness excluded), adjustable by jacking.

The UC200-SE is a benchtop UV cleaning system with integrated control configuration and an independent control system, operated through an LCD dot-matrix display with a digital interface. The cleaning area is ≤8 inches, the continuous cleaning time is 99.99 h, fan speed regulation is 5-gear and the lamp lifetime is ≥8000 h. On the UC200-SE, the hot plate has a heating power of 500 W and a temperature range of RT to 200°C; the heating time to 200°C is 30–35 min. An external adjustment knob adjusts the stainless steel lift pins: the jacking height range is 0–13 mm, the minimum jacking substrate size is square 50 × 50 mm or round 50 mm, and the maximum substrate thickness is 10 mm (customizable). The UC200-SE has a power input of 200–230 V, single-phase, 800 W (220 V) and a fuse specification of 5 A, 2 A (installed). The unit measures 360 × 500 × 300 mm (W × D × H) and is shipped in carton packaging.

SECTION II

Core Advantages

- **Independent control system** Benchtop UV cleaning system with integrated control configuration and an independent control system.
- **Heated hot plate** Hot plate from RT to 200°C with a heating power of 500 W; heating time to 200°C is 30–35 min.
- **Lift-pin adjustment knob** External adjustment knob for the stainless steel lift pins; jacking height range of 0–13 mm.
- **LCD dot-matrix display** LCD dot-matrix display with a digital interface.
- **Adjustable irradiation height** Irradiation height of 31–44 mm (substrate thickness excluded), adjustable by jacking.
- **UV lamp** Lamp power of 300 W, lamp spectral output of 185 nm + 254 nm and a lamp lifetime of ≥8000 h.

SECTION III

Specifications

Technical data — UC200-SE

Specifications	
Parameter	Specification
Brand	Levon™ by ACS Material
Product Name	Levon™ UC200-SE Heated UV Ozone Cleaner
Model	UC200-SE
SKU #	LVUC2000
Product type	UV ozone cleaner
Control system	Independent control system, integrated control configuration
Display	LCD dot-matrix display with digital interface
Lamp power	300 W
Lamp lifetime	≥8000 h
Lamp spectral output	185 nm + 254 nm
Cleaning area	≤8 inches
Continuous cleaning time	99.99 h
Irradiation height	31–44 mm (height adjustable by jacking, substrate thickness excluded)
Fan speed regulation	5-gear
Heating power	500 W
Temperature range	RT to 200°C
Heating time to 200°C	30–35 min
Lift pins	Stainless steel, adjusted by an external adjustment knob
Jacking height range	0–13 mm
Minimum jacking substrate size	Square 50 × 50 mm, round 50 mm
Maximum substrate thickness	10 mm (customizable)

Technical data — UC200-SE (continued)

Specifications	
Parameter	Specification
Power input	200–230 V, single-phase, 800 W (220 V)
Fuse	5 A, 2 A (installed)
Dimensions [W × D × H]	360 × 500 × 300 mm
Packing	Carton packaging
Warranty	1-year product warranty

Scope of delivery

- **Standard configuration:** one UC200-SE main unit, carton packaging.
- **Utilities and scope** — the power input (200–230 V, single-phase, 800 W at 220 V) is listed in the specifications; the scope of supply is confirmed in the quotation.

SECTION IV**Applications**

For laboratory UV cleaning of samples within a cleaning area of ≤8 inches on a hot plate from RT to 200°C, with an irradiation height of 31–44 mm (substrate thickness excluded), adjustable by jacking, and substrates up to 10 mm thick (customizable). For a model with a 35 mm illumination height and a pull-out cleaning chamber, see the UC100-SE.

Product value: UV cleaning within a cleaning area of ≤8 inches on a hot plate from RT to 200°C, with an irradiation height of 31–44 mm (substrate thickness excluded), adjustable by jacking.

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