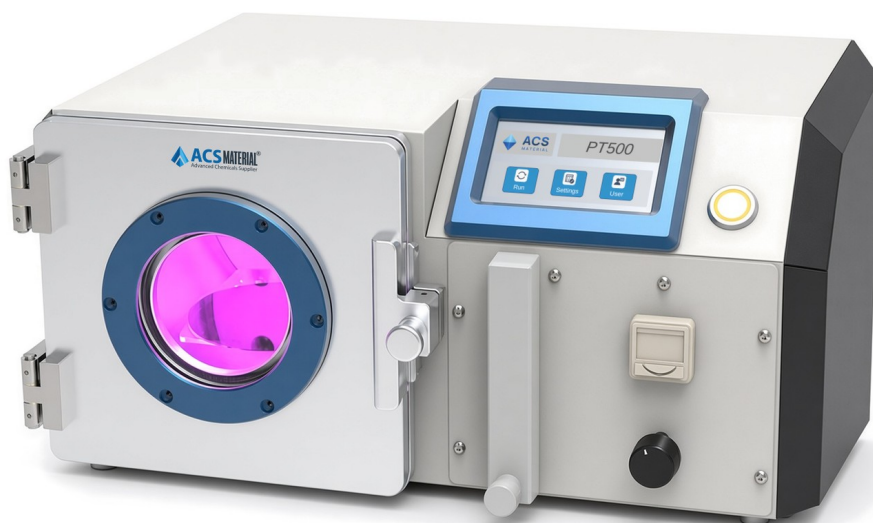


TECHNICAL DATA SHEET

Levon™ PT500 Compact Plasma Cleaner (25 kHz)

25 kHz · 0–500 W adjustable · Ø150 × 152 mm chamber · ≤100 Pa · 1–200 s cleaning time



Levon™ PT500 Compact Plasma Cleaner (25 kHz) — Representative Configuration

The Levon™ PT500 Compact Plasma Cleaner (25 kHz) is a compact benchtop plasma cleaner with an aluminum alloy chamber, a single gas path and one-key operation. 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™ PT500 Compact Plasma Cleaner (25 kHz) is a compact plasma cleaner with 25 kHz frequency, 0–500 W adjustable power, a Ø150 × 152 mm aluminum alloy chamber and a cleaning time continuously adjustable from 1 to 200 s.

The PT500 is operated with one key. It reaches a vacuum level of ≤100 Pa, has a single gas path with an adjustable gas flow of 0.1–1 L/min, and runs on AC 220 V. The unit measures 452 × 386 × 225 mm (W × D × H) and weighs approximately 18 kg; larger chamber sizes can be customized.

SECTION II

Core Advantages

- **One-key operation** Compact unit controlled with one key.
- **Adjustable cleaning time** Cleaning time continuously adjustable from 1 to 200 s.
- **Vacuum level** Specified vacuum level of ≤100 Pa.
- **Adjustable power** 25 kHz frequency with power adjustable from 0 to 500 W.
- **Single gas path** Single gas path with adjustable gas flow of 0.1–1 L/min.
- **Customizable chamber** Ø150 × 152 mm aluminum alloy chamber; larger sizes can be customized.

SECTION III

Specifications

Technical data — PT500

Specifications	
Parameter	Specification
Brand	Levon™ by ACS Material
Product Name	Levon™ PT500 Compact Plasma Cleaner (25 kHz)
Model	PT500
SKU #	LVPT5000
Product type	Plasma cleaner
Frequency	25 kHz
Power	0–500 W, adjustable
Vacuum level	≤100 Pa
Gas path	Single path
Gas flow	0.1–1 L/min, adjustable
Cleaning time	1–200 s, continuously adjustable
Chamber size	Ø150 × 152 mm (larger sizes can be customized)
Chamber material	Aluminum alloy
Operation	One-key control
Power input	AC 220 V
Dimensions [W × D × H]	452 × 386 × 225 mm
Weight	Approx. 18 kg
Packing	Carton packaging
Warranty	1-year product warranty

Scope of delivery

- **Standard configuration:** one PT500 main unit, carton packaging.
- **Power input:** AC 220 V. Confirm the local supply when ordering. Vacuum pump supply and process gas requirements are confirmed in the quotation.

SECTION IV

Applications

For plasma surface treatment of samples in a Ø150 × 152 mm chamber, with one-key operation in a compact benchtop format. The PT500 is suitable for laboratory environments such as research institutes.

Product value: compact one-key plasma surface treatment at 25 kHz with 0–500 W adjustable power and 1–200 s cleaning time.

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