

TECHNICAL DATA SHEET

Levon™ HS150 Benchtop Heat Sealer / Laminator

RT to 250°C · $\pm 0.2^\circ\text{C}$ control accuracy · $\pm 2\%$ thermal uniformity · 150 × 150 mm panel · dual-zone PID control



Levon™ HS150 Benchtop Heat Sealer / Laminator — Representative Configuration

The Levon™ HS150 Benchtop Heat Sealer / Laminator is a compact benchtop heat sealer with dual-zone PID temperature control. Image shown for reference; final configuration is confirmed in the quotation.

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SECTION I

Product Overview

Levon™ HS150 Benchtop Heat Sealer / Laminator is a compact benchtop heat sealer with a temperature control range of RT to 250°C, a temperature control accuracy of $\pm 0.2^\circ\text{C}$ and a 150 × 150 mm panel.

The HS150 uses a digital control system and PID temperature control with dual-zone independent control. The temperature resolution is 0.1°C (after the temperature is stabilized), the maximum set temperature is 250°C and the thermal uniformity is $\leq \pm 2\%$. The HS150 has a compact form factor for glove box integration, measuring 200 × 200 × 340 mm (W × D × H) with a weight of 10 kg. An emergency power cutoff is provided. Power input is AC 200–240 V, single-phase, 50 Hz, 2.0 kW; the compressed air supply requirement is 0.4–0.8 MPa at an air inlet with a 6 mm outer diameter.

SECTION II

Core Advantages

- **Digital control system** Digital control system with parameter regulation.
- **RT to 250°C** Temperature resolution of 0.1°C (after the temperature is stabilized) and thermal uniformity of $\leq \pm 2\%$.
- **Emergency power cutoff** The HS150 includes an emergency power cutoff.
- **Dual-zone PID control** PID temperature control with dual-zone independent control and a temperature control accuracy of $\pm 0.2^\circ\text{C}$.
- **Compact form factor** Compact form factor for glove box integration: 200 × 200 × 340 mm, 10 kg.
- **150 × 150 mm panel** Panel size of 150 × 150 mm; compressed air supply requirement of 0.4–0.8 MPa.

SECTION III

Specifications

Technical data — HS150

Specifications	
Parameter	Specification
Brand	Levon™ by ACS Material
Product Name	Levon™ HS150 Benchtop Heat Sealer / Laminator
Model	HS150
SKU #	LVHS1500
Product type	Heat sealer
Control system	Digital control system with parameter regulation
Temperature control	PID, dual-zone independent control
Temperature control range	RT to 250°C
Maximum set temperature	250°C
Temperature resolution	0.1°C (after the temperature is stabilized)
Temperature control accuracy	$\pm 0.2^\circ\text{C}$
Thermal uniformity	$\leq \pm 2\%$
Panel size	150 × 150 mm
Emergency power cutoff	Provided
Power input	AC 200–240 V, single-phase, 50 Hz, 2.0 kW
Compressed air supply requirement	0.4–0.8 MPa
Gas interface	Air inlet, 6 mm outer diameter
Dimensions [W × D × H]	200 × 200 × 340 mm
Weight	10 kg
Packing	Carton packaging
Warranty	1-year product warranty

Scope of delivery

- **Standard configuration:** one HS150 main unit, carton packaging.
- **Utilities and scope** — power input (AC 200–240 V, 50 Hz) and the compressed air supply (0.4–0.8 MPa) are listed in the specifications; the scope of supply is confirmed in the quotation.

SECTION IV

Applications

The HS150 is for laboratory heat sealing from RT to 250°C and has a compact form factor for glove box integration. For sealing 300 × 300 mm samples with an adjustable vacuum level (below 100 Pa) and adjustable jacking pressure, see the HS320-CTM-ZK.

Product value: heat sealing from RT to 250°C, with dual-zone PID temperature control and a compact form factor for glove box integration.

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