

TECHNICAL DATA SHEET

Levon™ HS320-CTM-ZK Vacuum Heat Sealer / Laminator

RT to 180°C · ±1°C control precision · vacuum level below 100 Pa · 300 × 300 mm samples · automatic heat sealing



Levon™ HS320-CTM-ZK Vacuum Heat Sealer / Laminator — Representative Configuration

The Levon™ HS320-CTM-ZK Vacuum Heat Sealer / Laminator is a benchtop heat sealer with an adjustable vacuum level and adjustable jacking pressure. Image shown for reference; final configuration is confirmed in the quotation.

CONTENTS

- 01** Product Overview
- 02** Core Advantages
- 03** Specifications
- 04** Applications

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SECTION I

Product Overview

Levon™ HS320-CTM-ZK Vacuum Heat Sealer / Laminator is a benchtop heat sealer with a temperature control range of RT to 180°C, a vacuum level below 100 Pa and automatic heat sealing. It is capable of sealing 300 × 300 mm samples.

On the HS320-CTM-ZK, the jacking pressure is adjustable and the vacuum level is adjustable. The temperature control precision is $\pm 1^\circ\text{C}$, the temperature resolution is 0.1°C , the maximum set temperature is 180°C and the temperature uniformity is $\leq \pm 2\%$. Power input is AC 200–240 V, single-phase, 50 Hz, 2.0 kW; the compressed gas supply requirement is 0.4–0.8 MPa at a gas interface with a 6 mm outer diameter. The unit measures 560 × 650 × 400 mm (W × D × H), weighs 70 kg and is shipped in a wooden case.

SECTION II

Core Advantages

— **Automatic heat sealing** The HS320-CTM-ZK can heat seal automatically.

— **300 × 300 mm samples** Capable of sealing 300 × 300 mm samples.

— **Temperature control** RT to 180°C with a temperature control precision of $\pm 1^\circ\text{C}$, 0.1°C resolution and $\leq \pm 2\%$ temperature uniformity.

— **Adjustable pressure and vacuum** The jacking pressure and the vacuum level are adjustable; the vacuum level is below 100 Pa.

SECTION III

Specifications

Technical data — HS320-CTM-ZK

Specifications	
Parameter	Specification
Brand	Levon™ by ACS Material
Product Name	Levon™ HS320-CTM-ZK Vacuum Heat Sealer / Laminator
Model	HS320-CTM-ZK
SKU #	LVHS3200
Product type	Heat sealer
Sealing operation	Automatic heat sealing
Temperature control range	RT to 180°C
Maximum set temperature	180°C
Temperature resolution	0.1°C
Temperature control precision	$\pm 1^\circ\text{C}$
Temperature uniformity	$\leq \pm 2\%$
Vacuum level	Below 100 Pa
Adjustable parameters	Jacking pressure; vacuum level
Sample size	Capable of sealing 300 × 300 mm samples
Power input	AC 200–240 V, single-phase, 50 Hz, 2.0 kW
Compressed gas supply requirement	0.4–0.8 MPa
Gas interface	6 mm outer diameter
Dimensions [W × D × H]	560 × 650 × 400 mm
Weight	70 kg
Packing	Wooden case
Warranty	1-year product warranty

Scope of delivery

- **Standard configuration:** one HS320-CTM-ZK main unit, wooden case.
- **Utilities and scope** — power input (AC 200–240 V, 50 Hz) and the compressed gas supply (0.4–0.8 MPa) are listed in the specifications; vacuum supply and the scope of supply are confirmed in the quotation.

SECTION IV**Applications**

For laboratory heat sealing of 300 × 300 mm samples from RT to 180°C, with an adjustable vacuum level (below 100 Pa) and adjustable jacking pressure. For a compact unit with a 150 × 150 mm panel and a range of RT to 250°C, see the HS150.

Product value: automatic heat sealing of 300 × 300 mm samples from RT to 180°C, with the vacuum level (below 100 Pa) and the jacking pressure adjustable.

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