

TECHNICAL DATA SHEET

Levon™ HP200 Programmable Hotplate (340 × 340 mm)

340 × 340 mm plate · RT to 300°C · 7-inch touchscreen · 100 recipes · auto-lift proximity baking



Levon™ HP200 Programmable Hotplate (340 × 340 mm) — Representative Configuration

The Levon™ HP200 Programmable Hotplate (340 × 340 mm) is a programmable hot plate with a 340 × 340 mm hard-anodized aluminum heating plate, a 7-inch touchscreen and an auto-lift function, offered as the HP200-SE and the HP200-PE. Image shown for reference (HP200-SE); final configuration is confirmed in the quotation.

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Revision Date **10/20/2026**

SECTION I

Product Overview

Levon™ HP200 Programmable Hotplate (340 × 340 mm) is a programmable hot plate with a 340 × 340 mm hard-anodized aluminum heating plate, a 7-inch full-color touchscreen with PLC control, a temperature control range of RT to 300°C with 0.1°C resolution, and 100 recipes, with up to 30 heating stages per recipe. It is offered as the HP200-SE and the HP200-PE with linear temperature control and vacuum adsorption.

Temperature uniformity is $\leq \pm 1\%$ from RT to 200°C and $\leq \pm 1.5\%$ from 200°C to 300°C. An auto-lift function with lift pins adjustable from 0 to 30 mm (0.1 mm resolution) enables proximity baking; the lift pins work with substrates larger than 120 mm in diameter and can be customized for special requirements. Power input is 220 V, 3,500 W (110 V optional), and the unit measures 450 × 580 × 320 mm (W × D × H) with a height-reducible, flush-mount design.

SECTION II

Core Advantages

- **Hard-anodized heating plate** Hard-anodized aluminum heating plate with corrosion resistance.
- **7-inch touchscreen with PLC** 7-inch full-color touchscreen operation with PLC control.
- **Flush-mount design** Height-reducible operation with a flush-mount design.
- **Auto-lift for proximity baking** Auto-lift function for proximity baking mode; lift pins adjustable from 0 to 30 mm with 0.1 mm resolution.
- **100 recipes** 100 recipes, with up to 30 heating stages per recipe.
- **Linear control and vacuum (HP200-PE)** Linear temperature control and vacuum adsorption on the HP200-PE; rear vacuum outlet with 6 mm outer diameter.

SECTION III

Specifications

Technical data — HP200

Specifications	
Parameter	Specification
Brand	Levon™ by ACS Material
Product Name	Levon™ HP200 Programmable Hotplate (340 × 340 mm)
Models	HP200-SE / HP200-PE
SKU #	LVH200SE (HP200-SE) / LVH200PE (HP200-PE)
Product type	Programmable hotplate
Heating plate	340 × 340 mm square, hard-anodized aluminum
Temperature control range	RT to 300°C
Temperature resolution	0.1°C
Temperature uniformity	RT to 200°C: $\leq \pm 1\%$; 200°C to 300°C: $\leq \pm 1.5\%$
Control	7-inch full-color touchscreen, PLC control
Recipes	100 recipes, with up to 30 heating stages per recipe
Lift pin adjustment range	0–30 mm
Lift pin height resolution	0.1 mm
Lift pin use	Substrates larger than 120 mm in diameter; customizable for special requirements
Lift function	Auto-lift function for proximity baking mode
Installation	Height-reducible operation with flush-mount design
Power input	220 V, 3,500 W (110 V optional)
Dimensions [W × D × H]	450 × 580 × 320 mm
Packing	Carton packaging
Warranty	1-year product warranty

Configurations — HP200-SE / HP200-PE

Configurations		
Parameter	HP200-SE	HP200-PE
SKU #	LVH200SE	LVH200PE
Temperature control accuracy	±0.2°C	±0.2°C

HP200-PE — additional specifications

HP200-PE	
Parameter	Specification
Control functions	Linear temperature control and vacuum adsorption
Vacuum connection	Rear-panel outlet, 6 mm outer diameter
Vacuum input requirement	0.04–0.09 MPa
Weight	30 kg

Scope of delivery

- **Standard configuration:** one HP200 main unit (HP200-SE or HP200-PE, as ordered), carton packaging.
- **Configuration** — HP200-SE = SKU LVH200SE; HP200-PE = SKU LVH200PE (vacuum supply provided by the user).

SECTION IV**Applications**

For programmable baking of larger substrates on a 340 × 340 mm plate from RT to 300°C, with touchscreen recipes and auto-lift proximity baking. The HP200 is designed for compact semiconductor research.

Product value: a 340 × 340 mm programmable hot plate to 300°C with 100 recipes, auto-lift proximity baking and an HP200-PE option with vacuum adsorption.

Revision Date: 10/20/2026

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