

TECHNICAL DATA SHEET

## Levon™ HP10 Compact Hotplate (220 × 220 mm)

220 × 220 mm anodized aluminum plate · RT to 300°C or RT to 400°C · 0.1°C resolution



### Levon™ HP10 Compact Hotplate (220 × 220 mm) — Representative Configuration

The Levon™ HP10 Compact Hotplate (220 × 220 mm) is a compact hot plate with an anodized aluminum heating plate and a digital temperature controller, offered in 300°C and 400°C configurations. Image shown for reference (300°C configuration); final configuration is confirmed in the quotation.

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## SECTION I

## Product Overview

Levon™ HP10 Compact Hotplate (220 × 220 mm) is a compact hot plate with a 220 × 220 mm anodized aluminum heating plate and a digital temperature controller, offered in two configurations: RT to 300°C (1,000 W) and RT to 400°C (2,000 W), each with 0.1°C temperature resolution.

Both HP10 configurations have an independent circuit for the heating output, a recessed heating structure for use inside a glovebox, physical separation between the heating elements and the electronic components, and a weight of 10 kg. They differ in maximum temperature, power input, dimensions, housing and the published control precision and uniformity values (see the configuration comparison).

## SECTION II

## Core Advantages

- **Anodized aluminum heating plate** 220 × 220 mm corrosion-resistant anodized aluminum heating plate.
- **Independent heating circuit** Independent control circuit for the heating output.
- **Two temperature configurations** RT to 300°C at 1,000 W (LVHP1000) or RT to 400°C at 2,000 W (LVHP1040).
- **Digital temperature controller** Digital temperature controller; maximum heating temperature 300°C (LVHP1000) or 400°C (LVHP1040).
- **Recessed design for gloveboxes** Recessed heating structure designed for use inside a glovebox.
- **Separated heating and electronics** Physical separation between the heating elements and the electronic components.

## SECTION III

## Specifications

### Technical data — HP10

| Specifications         |                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Parameter              | Specification                                                                                                                                                  |
| Brand                  | Levon™ by ACS Material                                                                                                                                         |
| Product Name           | Levon™ HP10 Compact Hotplate (220 × 220 mm)                                                                                                                    |
| Models                 | HP10 (300°C) / HP10 (400°C)                                                                                                                                    |
| SKU #                  | LVHP1000 (RT to 300°C) / LVHP1040 (RT to 400°C)                                                                                                                |
| Product type           | Hotplate                                                                                                                                                       |
| Heating plate          | 220 × 220 mm square, anodized aluminum                                                                                                                         |
| Temperature resolution | 0.1°C                                                                                                                                                          |
| Temperature controller | Digital temperature controller                                                                                                                                 |
| Heating design         | Recessed heating structure for use inside a glovebox; independent heating-output circuit; heating elements physically separated from the electronic components |
| Weight                 | 10 kg                                                                                                                                                          |
| Packing                | Carton packaging                                                                                                                                               |
| Warranty               | 1-year product warranty                                                                                                                                        |

### Configurations — HP10 300°C / 400°C

| Configurations                |                    |                    |
|-------------------------------|--------------------|--------------------|
| Parameter                     | HP10 (300°C)       | HP10 (400°C)       |
| SKU #                         | LVHP1000           | LVHP1040           |
| Temperature control range     | RT to 300°C        | RT to 400°C        |
| Temperature control precision | ±1°C               | ≤±1°C              |
| Temperature uniformity        | <±2%               | ≤±2%               |
| Power input                   | AC 220 V, 1,000 W  | AC 220 V, 2,000 W  |
| Dimensions [W × D × H]        | 250 × 280 × 180 mm | 250 × 300 × 220 mm |

**Scope of delivery**

- **Standard configuration:** one HP10 main unit (300°C or 400°C configuration, as ordered), carton packaging.
- **Temperature configuration** — RT to 300°C = SKU LVHP1000; RT to 400°C = SKU LVHP1040.

## SECTION IV

## Applications

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For baking and heating substrates on a 220 × 220 mm plate in a compact benchtop format, including glovebox setups; RT to 300°C (LVHP1000) or RT to 400°C (LVHP1040). The HP10 is designed for compact semiconductor research.

Product value: a compact 220 × 220 mm hot plate in two temperature configurations (300°C / 400°C) with a recessed, glovebox-ready design.

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