

TECHNICAL DATA SHEET

Levon[™] DP100-BE-H Heated Dip Coater

Dip coater with heated base • room temperature to 120 °C • 0.1–600 mm/min • 0–100 mm lift stroke • ± 0.01 mm



ACS Material Levon[™] DP100-BE-H Heated Dip Coater

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SECTION I

Product Overview

The Levon™ DP100-BE-H Heated Dip Coater (SKU LVDP10BH) is a dip coater with a base that has a heating function, temperature controllable from room temperature to 120 °C. It has a running speed of 0.1–600 mm/min over a 0–100 mm lift stroke (other strokes can be customized), a displacement accuracy of ± 0.01 mm and a rated linear thrust greater than 50 N. Impregnation time and repeat coating interval time are each settable from 1 to 9999.9 s, and a coating can be repeated from 1 to 999 times. Wafers up to $100 \times 100 \times 5$ mm can be selected, and 100 coating programs can be named and stored. It has a 4.3-inch full-color touch screen with a help function and operating instructions, and the manufacturer states that the compact structure can be placed in a glove box.

SECTION II

Core Advantages

- **4.3-inch full-color touch screen** — with help function and operating instructions
- **100 stored programs** — coating programs can be named and stored
- **Programmable repeat coating** — 1 to 999 times; impregnation and interval time 1–9999.9 s each
- **Displacement accuracy ± 0.01 mm** — running speed 0.1–600 mm/min, rated linear thrust >50 N
- **Heated base** — temperature controllable, room temperature to 120 °C
- **Compact structure** — can be placed in a glove box, as stated by the manufacturer; manual vertical height adjustment

SECTION III

Specifications

Technical data

Specifications	
Running Speed	0.1–600 mm/min
Lift Stroke	0–100 mm (other strokes can be customized)
Displacement Accuracy	± 0.01 mm
Rated Linear Thrust	>50 N
Heating Temperature	Room temperature to 120 °C (heating type)
Impregnation Time	1–9999.9 s
Repeat Coating Interval Time	1–9999.9 s
Repeat Coating Times	From 1 time to 999 times
Selectable Size of Wafer	$\leq 100 \times 100 \times 5$ mm
Program Storage	100 coating programs can be named and stored
Display / Operation	4.3-inch full-color touch screen · help function · manual vertical height adjustment

Specifications	
SKU	LVDP10BH
Dimensions [W×D×H]	227 × 350 × 416 mm
Packing	Carton packaging
Warranty	1-year product warranty
Quality Management	ISO 9001 Quality Management System Certification (manufacturer)

Scope of delivery

- Supplied: DP100-BE-H heated dip coater, 1 unit
- Packing: carton packaging

SECTION IV**Notes**

Please note the following for the Levon™ DP100-BE-H Heated Dip Coater:

- **Lift stroke** — 0–100 mm; other strokes can be customized — confirm at quotation
- **Glove box use** — the manufacturer states the compact structure can be placed in a glove box

Product value: a dip coater with a heated base controllable from room temperature to 120 °C, 0.1–600 mm/min running speed, ±0.01 mm displacement accuracy, programmable impregnation time, interval time and repeat count, and 100 named, storable coating programs on a 4.3-inch touch screen, in a 227 × 350 × 416 mm footprint.

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