TECHNICAL DATA SHEET

Levon™ DP100-BE-H Heated Dip Coater

Heated base RT to 120℃ · 0.1–600 mm/min · 0–100 mm lift stroke · ±0.01 mm displacement accuracy



Levon™ DP100-BE-H Heated Dip Coater — Representative Configuration

The Levon™ DP100-BE-H Heated Dip Coater is a compact dip coater with a heated base, a 4.3-inch full-color touchscreen and manual vertical height adjustment. Image shown for reference; final configuration is confirmed in the quotation.

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SECTION I

Product Overview

Levon™ DP100-BE-H Heated Dip Coater is a dip coater with a heated base (temperature controllable, RT to 120°C), a running speed of 0.1–600 mm/min, a 0–100 mm lift stroke, ±0.01 mm displacement accuracy and storage for 100 named coating recipes.

The DP100-BE-H is operated from a 4.3-inch full-color touchscreen with a built-in help function and operating instructions. Its compact structure is designed for placement in a glovebox, and manual vertical height adjustment allows flexible positioning. The rated linear thrust is >50 N; immersion time and repeat coating interval time are each settable from 1 to 9,999.9 s, with 1 to 999 repeat coating cycles. Substrates up to 100 × 100 × 5 mm are supported; the unit measures 227 × 350 × 416 mm (W × D × H).

SECTION II

Core Advantages

— **Heated base** Base with heating function, temperature controllable up to 120°C (RT to 120°C).

— **Compact structure for gloveboxes** Compact structure for placement in a glovebox; 227 × 350 × 416 mm (W × D × H).

— **100 stored recipes** 100 coating recipes can be named and stored.

— **4.3-inch touchscreen with help** 4.3-inch full-color touchscreen with a built-in help function and operating instructions.

— **Manual height adjustment** Manual vertical height adjustment for flexible positioning.

— **Repeat coating** 1 to 999 repeat coating cycles with a repeat coating interval time of 1–9,999.9 s.

SECTION III

Specifications

Technical data — DP100-BE-H

Specifications	
Parameter	**Specification**
Brand	Levon™ by ACS Material
Product Name	Levon™ DP100-BE-H Heated Dip Coater
Model	DP100-BE-H
SKU #	LVDP10BH
Product type	Dip coater (heated base)
Heating temperature	RT to 120°C (heated base, temperature controllable)
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
Immersion time	1–9,999.9 s
Repeat coating interval time	1–9,999.9 s
Repeat coating cycles	1 to 999
Substrate size (wafer)	≤100 × 100 × 5 mm
Coating recipes	100 recipes can be named and stored
Display	4.3-inch full-color touchscreen
Operating aids	Built-in help function and operating instructions
Height adjustment	Manual vertical height adjustment
Dimensions [W × D × H]	227 × 350 × 416 mm
Packing	Carton packaging
Warranty	1-year product warranty

Scope of delivery

— **Standard configuration:** one DP100-BE-H main unit, carton packaging.

— **Lift stroke** — 0–100 mm; other strokes can be customized (confirm when ordering).

SECTION IV

Applications

For dip coating of substrates up to 100 × 100 × 5 mm using a heated base (RT to 120°C) at running speeds of 0.1–600 mm/min, including glovebox setups. The DP100-BE-H is designed for compact semiconductor research.

Product value: programmable dip coating at 0.1–600 mm/min using a heated base (RT to 120°C), with ±0.01 mm displacement accuracy and a compact design for placement in a glovebox.

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