

TECHNICAL DATA SHEET

Levon™ DP150-DR Carousel Dip Coater (6 positions)

Six-position turntable • 0.1–600 mm/min • 240 mm maximum stroke • ± 0.1 mm displacement accuracy



Levon™ DP150-DR Carousel Dip Coater (6 positions) — Representative Configuration

The Levon™ DP150-DR Carousel Dip Coater (6 positions) is a dip coater with a six-position turntable for 300 mL beakers and a 7-inch full-color touchscreen. Image shown for reference; final configuration is confirmed in the quotation.

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Revision Date **10/21/2026**

SECTION I

Product Overview

Levon™ DP150-DR Carousel Dip Coater (6 positions) is a dip coater with a six-position turntable for six standard 300 mL beakers, a running speed of 0.1–600 mm/min, a 240 mm maximum stroke, ± 0.1 mm displacement accuracy and a turntable speed of 0.1–10 rpm.

The DP150-DR is operated from a 7-inch full-color touchscreen; a stylus is supplied as standard. It has a built-in help function and operating instructions, manual vertical height adjustment with real-time position monitoring, and 100 coating recipes that can be named, stored and recalled at any time. The rated linear thrust is >100 N; immersion time and repeat coating interval time are each settable from 0 to 9,999.9 s, with 1 to 999 repeat coating cycles. Substrates up to $150 \times 150 \times 5$ mm are supported; the unit measures $303 \times 519 \times 550$ mm (W $\times$ D $\times$ H).

SECTION II

Core Advantages

- **Six-position turntable** A turntable at the bottom provides six coating positions for six standard 300 mL beakers.
- **7-inch touchscreen with stylus** 7-inch full-color touchscreen; a stylus is supplied as standard.
- **Height adjustment with position monitoring** Manual vertical height adjustment with real-time position monitoring.
- **Turntable speed** Turntable speed of 0.1–10 rpm.
- **Built-in help** Built-in help function and operating instructions.
- **100 stored recipes** 100 coating recipes can be named and stored, and stored recipes can be recalled at any time.

SECTION III

Specifications

Technical data — DP150-DR

Specifications	
Parameter	Specification
Brand	Levon™ by ACS Material
Product Name	Levon™ DP150-DR Carousel Dip Coater (6 positions)
Model	DP150-DR
SKU #	LVDP1500
Product type	Dip coater (six-position turntable)
Running speed	0.1–600 mm/min
Maximum stroke	240 mm
Displacement accuracy	± 0.1 mm
Rated linear thrust	>100 N
Immersion time	0–9,999.9 s
Repeat coating interval time	0–9,999.9 s
Repeat coating cycles	1 to 999
Turntable speed	0.1–10 rpm
Substrate size (wafer)	$\leq 150 \times 150 \times 5$ mm
Coating positions	Turntable at the bottom with six coating positions for six standard 300 mL beakers
Coating recipes	100 recipes can be named, stored and recalled at any time
Display	7-inch full-color touchscreen; stylus supplied as standard
Operating aids	Built-in help function and operating instructions
Height adjustment	Manual vertical height adjustment with real-time position monitoring
Dimensions [W $\times$ D $\times$ H]	$303 \times 519 \times 550$ mm
Packing	Carton packaging
Warranty	1-year product warranty

Scope of delivery

- **Standard configuration:** one DP150-DR main unit with stylus, carton packaging.
- **Turntable** — Six coating positions for 300 mL beakers.

SECTION IV

Applications

For dip coating with six coating positions on a turntable (six standard 300 mL beakers), substrates up to 150 × 150 × 5 mm and a maximum stroke of 240 mm. The DP150-DR is designed for compact semiconductor research.

Product value: six coating positions on a 0.1–10 rpm turntable, a 240 mm maximum stroke at 0.1–600 mm/min and 100 named recipes that can be recalled at any time.

Revision Date: 10/21/2026

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