

ASYMTEK Dual-Action Bracket

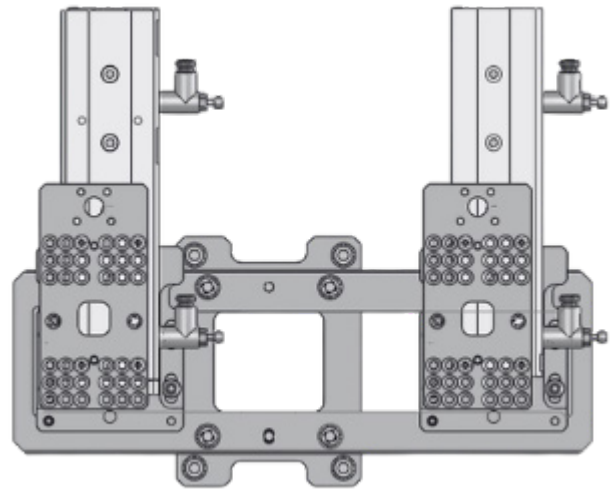
Use Two Identical or Different Valves for Complex Layouts While Avoiding Tall Component Interference

Features and Benefits

- Seamless switching between different fluid types
- Supports all ASYMTEK conformal coating valve configurations
- Configure the Select Coat® SL-940 or SL-1040 with either two different valves or two identical valves for optimal process control
- Enhanced vertical clearance minimizes the risk of collision with components during coating operations
- Dual Slide design – Provides maximum overboard clearance
- Easily adjust spacing up to 150 mm (5.91 in.) as needed

With the Dual-Action Bracket installed, the Select Coat SL-940 or SL-1040 conformal coating systems can be equipped with either two different valves or two identical valves, delivering greater process flexibility and adaptability. Using EasyCoat® 6 software, operators can program each valve during program setup. When the program runs, the selected valve is automatically activated—no manual intervention required.

Dual Slide design: Both slide mechanisms move simultaneously—one valve moves closer to the substrate while the other retracts. This coordinated motion allows the active valve to coat around the work area while the idle valve clears tall components up to 70 mm (2.75 in.).



Dual-Action Bracket, Dual Slide

Valve Pitch: Spacing between valves varies by type and is defined by the selected valve pair combination.

Valves may also be equipped with the ASYMTEK Four-Position Tilt option to accommodate complex PCB geometries.

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Specifications

Description	Z-Axis Clearance
Dual Slide	70 mm (2.76 in.)

Fixed-Spacing Bracket Requirements

The latest Dual-Action Bracket delivers maximum flexibility with fully adjustable valve spacing up to 150 mm (5.91 in.). Because spacing is not fixed, pitch specifications are not required—simply adjust the bracket to fit your exact application needs. This adaptable design makes it our most versatile solution and a recommended upgrade from earlier fixed-spacing brackets.

For applications where upgrading isn't preferred, legacy fixed-spacing brackets offering preset spacing configurations of 100, 125, or 150 mm (3.94, 4.92, or 5.91 in.) remain available as a field upgrade or replacement kit.

For fixed-spacing brackets, specific pitch requirements apply. Pitch is defined as the centerline distance between valves along the X-axis and is determined by the valve configuration. Because spacing is fixed, required pitch values must be followed as outlined in the table below.

Valve Configuration	Required Pitch
SC-280 Select Coat® Film Coater (non-circulating and circulating)	100 mm (3.94 in.)
SC-300 Multi-Mode	
SC-350 Select Spray	
SC-400 PreciseCoat® Jet	
SC-450 PreciseCoat® Jet	
DV-01	
DV-05	
DV-09	
Four-Position Tilt (fixed, no slide)	125 mm (4.92)
Four-Position Tilt (slide without camera)	150 mm (5.91 in.)

Note

- Pitch is dictated by valve type and mounting hardware, not bracket orientation or mounting position.
- Left (Position 1) and right (Position 2) mounting locations do not change pitch unless a different tilt configuration is used.
- The SC-300 Multi-Mode and SC-350 Select Spray valves are part of the ASYMTEK Select Coat® Applicator Series.

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