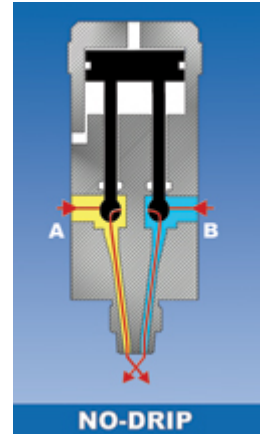


# Mix and Dispense Valves: 2200-545 No-Drip® Series

## Two-Component No-Drip Mix and Dispense Valve for Pourable Materials



- ▶ 2200-545 Series No-Drip Dual-Ball and Seats for low viscosity - pourable materials
- ▶ Point of application mix and dispense valve assembly
- ▶ No-Flush™ disposable static mixers reduce waste and minimize maintenance
- ▶ Readily mounted with 2-drill thru's and fixtured/positioned using 2-alignment holes
- ▶ Double air operated (air to open / air to close) insures immediate start and stop to a dispense operation
- ▶ Model options
  - ✓ For wide ratio materials
  - ✓ Stainless steel wetted components
  - ✓ Handles for manual operations



**Precise, efficient, and cost-effective:** three great reasons why the **2200-545 Series** automatic mix/dispense valves are tough to beat. These valves provide complete control over the application of metered two component adhesives or sealants - either automatically or manually. Arguably, they are the best 'point of application' dispense valves available.

### Responsive

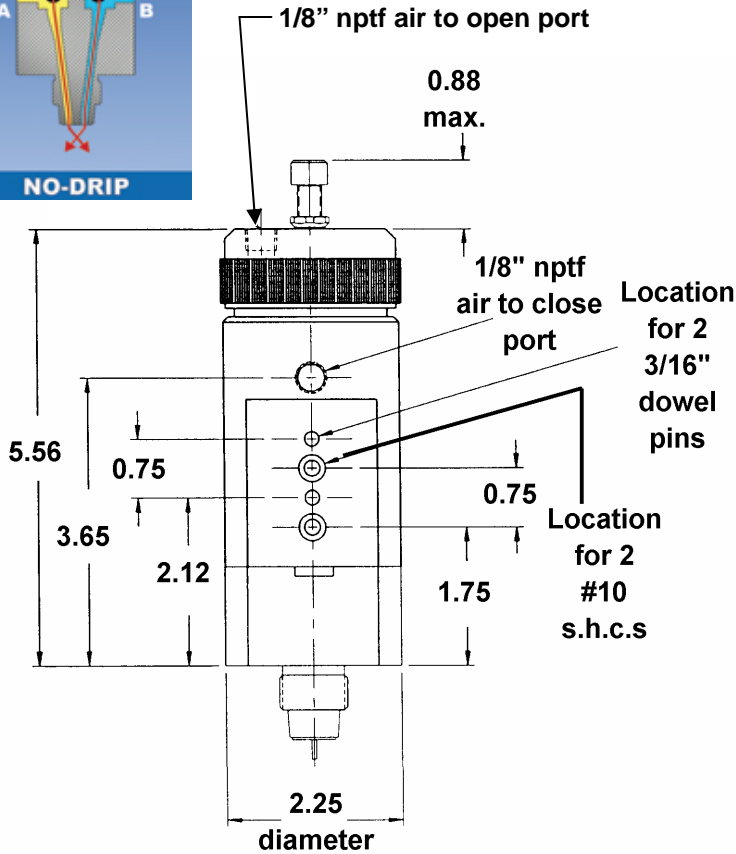
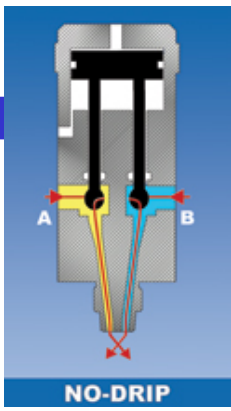
The short stroke length and double air operation of the valve combine to produce an immediate start or stop to the dispense cycle making it ideal for automated applications.

### Durable Design

With wear resistant seals and hardened components, the valve's service life is enhanced - a distinct advantage for high volume, repetitive operations or when using filled or abrasive materials.

The unrestrictive internal design allows for the free flow of even high viscosity materials, while insuring that the two material components remain separate until they enter the **No-Flush™** mixer/nozzle.

# 2200-545 No-Drip<sup>®</sup> Dispense Valves



## Specifications

Dry Weight: ~ 5 lbs.

Max. Inlet Pressure: 3,500 P.S.I.

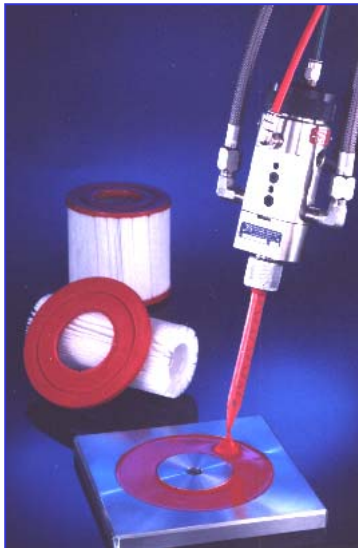
Construction: carbon steel (standard)  
stainless steel (optional)

Inlet ports: 1/4" N.P.T.F.

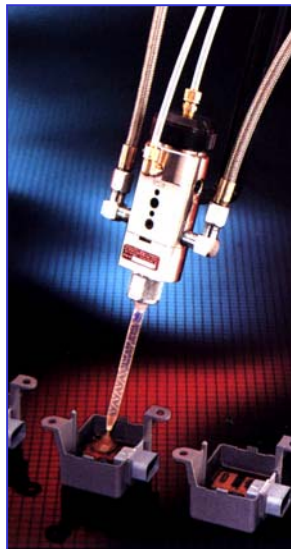
Mounting: (2) - #10 s.h.c.s. drill thru

Alignment: (2) - #16 dowel holes

Operation: double air operated;  
air to open, air to close



Filling end cap molds for filter production.



Potting electronic components in production.



Handles are available for manual applications; shrouds and mixers come in various I.D.'s and number of mix elements.

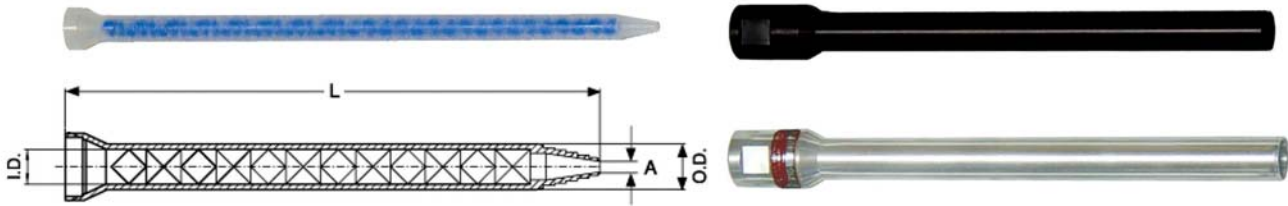
Form 2200-545 Rev D



Manufacturers of Precision Dispense Systems & Valves

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# Mixers for 2200-250 & 2200-545 Dispense Valves



## No-Flush™ Disposable Mixers

Part No.	ID x Elements	OD Diameter	L Length	A Orifice	Volume in CC's	Steel Shroud	Aluminum Shroud	Shroud w/1/4" NPT Outlet
2151-199	1/4" x 24	0.394"	7.8"	.074"	4.2	2151-361-.250		2151-395-002
2151-200	5/16" x 24	0.472"	8.78"	.0094"	8.5	2151-361-.312	2151-282-.312	2151-351-004
2151-201	3/8" x 24	0.551"	10.87"	.118"	16	2151-361-.375		2151-351-007
2151-315	3/16" x 32	0.315"	7.4"	.059"	2.8	2151-362-.187	2151-283-.187	2151-380-001/002
2151-316	1/4" x 32	0.394"	9.212"	.071"	6.6	2151-362-.250		2151-351-002
2151-317	5/16" x 32	0.472"	11.30"	0.94"	11.5	2151-362-.312		2151-371-002
2151-318	3/8" x 32	0.551"	13.86"	.118"	23	2151-362-.375		2151-351-001
2151-321	3/16" x 24	0.315"	5.87"	0.059"	2.3	2151-361-.188		
2151-424	3/8-5/16" x 44	0.551"	16.102"	0.094"	19		2151-421	
2151-424-001	3/8-5/16" x 40	0.551"	16.102"	0.21	19		2151-421	
2151-426	1/2-3/8" x 44	0.669"	19.646"	0.283"	37.5	2151-363	2151-449	
2151-439	1/2" x 24	0.669"	11.535"	0.157"	27	2151-438		2151-375
2151-440	1/2" x 32	0.669"	14.921"	0.157"	34.5	2151-443		2151-351-003

## Stream Mixers and Metal Shrouds

2151-462	3/8" x 12	0.551"	6.625"	*0.040"	8	1270-013(CS), or 2151-461(Alum), 2151-461-001(CS)
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\*Additional tip orifices are available on request.

## Robotic Teach Tool

1250-3249-001	Teach Tool for 2151-462 Stream Mixer: Replaces mixer in metal shrouds
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## Bayonet Mixers for 2200-545-037 Valve

Part No.	ID x Elements	OD Diameter	L Length	A Orifice	Volume in CC's
000860-000003	5/32" x 17	0.228"	3.21"	0.079"	0.75
000860-000004	5/32" x 13	0.228"	2.6"	0.079"	0.6
001379-000001	7/32" x 24	0.303"	4.52"	0.06" Luer Lock	2.5

## Needle Nozzle to Mixer Adapters

Part No.	ID x Elements	Color Code
1208-155	for 3/16" ID	White
1208-156	for 1/4" and 5/16" ID	Grey
1208-157	for 3/8" ID	Black



Needle Nozzles  
See Page 10

Form 2200-545-Rev D



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