

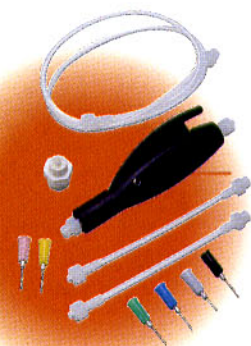
AUTOMATIC DISPENSING

Application Solutions

Reduce cost, improve quality, through precision dispensing.

DS99001 Dispensing Pen (Plastic)

Light weight, manually controlled dispensing pen. Built in stroke adjustment for optimum repeatability of shot and flow rate control.



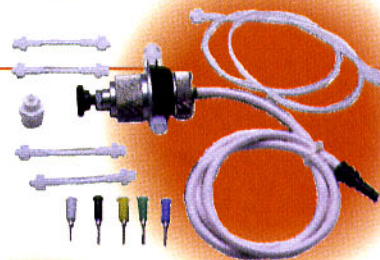
DS9002 Dispensing Pen (Metal)

Durable, light weight, versatile. Actuator lever provides precision control, capable of dispensing micro dots or continuous beads. Stroke adjustment provides a positive stop point that allows for good repeatability.



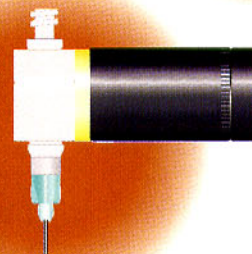
DS99003 Shot Valve

Ideal for continuous micro shot applications. Adjustable for shot size and flow rate. Air actuated valve for semi or fully automated operation.



DS99004 Diaphragm Valve

Excellent for precision dispensing. The work horse for dispensing cyanoacrylates, UV's, and anaerobics. Positive shut off, no seals, adjustable fluid-flow control, easy cleaning, on line serviceability, cycle rates of up to 500 per minute, compact size and weight. Pneumatic operation allows for precise control, repeatability, and accuracy.



DS99005 Spray Valve

Precise spray application of accelerators and primers. External stroke control allows for easy adjustment of fluid flow rate. Use with DS99115 Controller for precise control and accurate dispensing. Compact design allows for easy mounting and automation.



DS99100 Controller

Time shot controller for syringe or valve operation. Can be used in either manual or automatic operation. Controlled time shots from 0.01 to 30 seconds. Foot pedal operation, with vacuum feature. Solid state digital integrated circuitry timer, lighted function switch.



DS99105 PLC Ready Fully Digital

Time shot controller for valve operation. Ideal for fully automated operation assembly lines. Comes PLC ready with fully digital operation. Offers high end performance and capability.



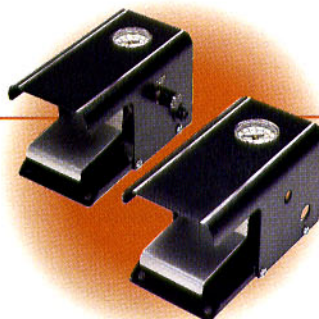
DS99110 Spray Valve Controller

Use with DS99005 Spray Valve. Three stage microprocessor controlled timing (pre spray, spray, and post spray) providing accurate and repeatable control. This system offers a foot switch and a I/O port for simple connection for automated applications.



DS99200/99205 Foot Valve

Floor mounted, built in pressure regulator, pressure gauge, and a three way air valve. Shot size and flow rate are operator controlled. Ideal for basic dispensing of adhesives, sealants, anaerobics, etc. The DS99205V provides vacuum that helps reduce tailing and stringing of high viscosity materials.



PRESSURE TANKS

DS99300 pressure reservoir for 1 pound bottles of the **ADVANCE PERFORMANCE SERIES** and 250 ml **TORQUE SERIES** products.

DS99305 pressure tank for the 4.4 bottles. Larger size tank for less change outs of material.

DS99310 pressure reservoir for 250 cc and 1 pound bottles. See through acrylic chamber allows for monitoring of material. Chamber dimensions are 4" I.D. by 8" in height. Maximum pressure to 30 psi.

DS99315 pressure reservoir for 250 cc bottles and 1 pound bottles. Ideal for higher viscosity materials or large volume dispensing. Chamber dimensions are 6" I.D. by 8.5" in height. Maximum pressure to 100 psi.

DS99320 pressure reservoir for 4.4 pound containers and 1 liter containers. Excellent for applications that require high flow volumes. Maximum pressure to 100 psi.

CARTRIDGE DISPENSING,

One Component Material

DS99350 manual for 300 cc cartridge/10.3 ounce cartridge.

DS99351 pneumatic for 300 cc cartridge/10.3 ounce cartridge.

DS99352 manual for 6 ounce cartridge.

DS99353 manual for 12 ounce cartridge.

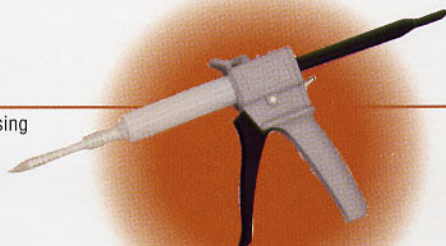
DS99354 pneumatic, palm grip, for 6 ounce cartridge.

DS99355 pneumatic, palm grip, for 12 ounce cartridge.



MIX PACK DISPENSING, TWO COMPONENT MATERIAL

DS99500 manual gun, 50 mil mix pack dispensing gun. Available in ratio's for 1:1, 2:1, 4:1, and 10:1.



DS99510 manual, 400 mil mix pack dispensing gun. Available in ratio's for 1:1, 2:1, 4:1, and 10:1.



DS99511 pneumatic, 400 mil mix pack dispensing gun. Available in ratio's for 1:1, 2:1, 4:1, and 10:1.

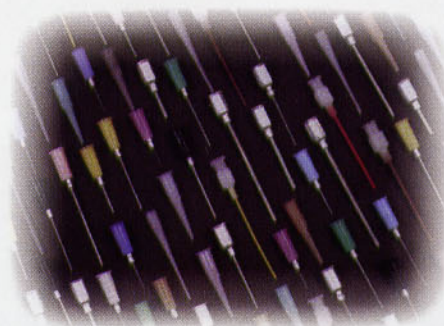


STATIC MIXERS

DS99550 six inch static mixer, luer lock style for 50 mil kits.

DS99555 bell style for 400 mil kits.

DS99560 needle adapter for static mixers. Allows the use of dispensing tips for more accurate and precise application.

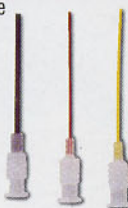




DISPENSING TIPS

STAINLESS STEEL DISPENSING TIPS

	Part Number	Color	Gauge	I.D. inches	I.D. mm	Length inches
Description						
DS14-5M	99600	Alum	14	.063	1.60	.5
DS14-1M	99601	Alum	14	.063	1.60	1
DS14-2M	99602	Alum	14	.063	1.60	2
DS15-5M	99603	Alum	15	.054	1.37	.5
DS15-1M	99604	Alum	15	.054	1.37	1
DS15-1.5M	99605	Alum	15	.054	1.37	1.5
DS16-1M	99606	Alum	16	.047	1.19	1
DS18-5	99607	Green	18	.033	.84	.5
DS18-1	99608	Green	18	.033	.84	1
DS18-1M	99609	Alum	18	.033	.84	1
DS18-1.5M	99610	Green	18	.033	.84	1.5
DS19-5	99611	Black	19	.027	.69	.5
DS19-1	99612	Black	19	.027	.69	1
DS20-5	99613	Pink	20	.024	.61	.5
DS20-1	99614	Pink	20	.024	.61	1
DS21-5	99615	Purple	21	.020	.50	.5

	Part Number	Color	Gauge	I.D. inches	I.D. mm	Length inches
Description						
DS21-1	99616	Purple	21	.020	.50	1
DS22-5	99617	Blue	22	.016	.40	.5
DS22-1	99618	Blue	22	.016	.40	1
DS22-1M	99619	Alum	22	.016	.40	1
DS23-.25	99620	Orange	23	.013	.33	.25
DS23-5	99621	Orange	23	.013	.33	.5
DS23-1	99622	Orange	23	.013	.33	1
DS23-1M	99623	Alum	23	.013	.33	1
DS25-5	99624	Red	25	.010	.25	.5
DS25-1M	99625	Alum	25	.010	.25	1
DS26-.25	99626	Beige	26	.010	.25	.25
DS26-.5	99627	Beige	26	.010	.25	.5
DS26-1	99628	Beige	26	.010	.25	1
DS27-.25	99629	Clear	27	.008	.20	.25
DS27-.5/16	99630	Clear	27	.008	.20	.25

	Part Number	Color	Gauge	I.D. inches	I.D. mm	Length inches
PLASTIC FLEXIBLE DISPENSING TIPS						
(Flexible polypropylene tips/ polypropylene locking hub) 	DS15P-1.5	99640	Grey	15	.054	1.37
	DS16P-1.5	99641	Brown	16	.047	1.19
	DS18P-1.5	99642	Pink	18	.033	0.89
	DS20P-1.5	99643	Yellow	20	.024	0.61
	DS22P-1.5	99644	Black	22	.012	0.30
	DS25P-1.5	99645	Red	25	.010	0.25
HIGH DENSITY POLYETHYLENE DISPENSING TIPS						
(High density polyethylene tips/locking hub, taper tip) 	DS14HD-1.25	99650	Tan	14	.063	1.60
	DS16HD-1.25	99651	Grey	16	.047	1.19
	DS18HD-1.25	99652	Green	18	.033	0.84
	DS20HD-1.25	99653	Pink	20	.024	0.61
	DS22HD-1.25	99654	Blue	22	.016	0.40
POLYPROPYLENE SLIP FIT DISPENSING TIPS						
(Slip on tip) 	DS18S-1.5	99660	Clear	18	.033	0.84
	DS20S-1.5	99661	Clear	20	.024	0.61
	DS22S-1.5	99662	Clear	22	.016	0.40
MICRODROPPERS						
	99665	Clear	2.50			

DISPENSING BOTTLES, SYRINGES & RELATED ITEMS

Part Number	Description	Size
99800	1 oz. low density applicator bottle with luer lock cap.	1 oz.
99804	4 oz. low density applicator bottle with luer lock cap.	4 oz.
99806	1 oz. high density applicator bottle with nozzle cap.	1 oz.
99807	2 oz. high density applicator bottle with nozzle cap.	2 oz.
99801	Luer lock cap 1 oz.	
99805	Luer lock cap 4 oz.	
99810	10cc syringe with polyethylene plunger	
99811	20cc syringe with polyethylene plunger	
99812	35cc syringe with polyethylene plunger	