Model 83664

Model 85250

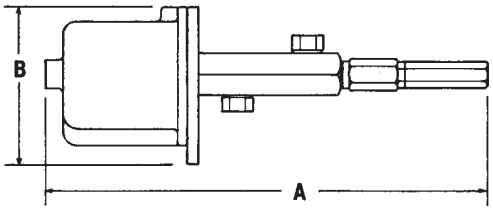
Model 84564

Model 84540

Designed to be combined with PowerMaster® or PileDriver® pumping systems to dispense measured shots of mastics, epoxies, sealants, greases and other viscous materials. The ejectors are true positive displacement measuring devices which accurately dispense material onto the work piece.

- Positive displacement measuring/dispensing
- Steel plunger & body assembly
- Adjustable plunger stop
- High air/material ratio
- Maintain extreme accuracy and repeatability, even where temperature, viscosity and material/air supply pressure are variable. (Repeatability suffers with competitive timed metering systems as the variables change.)
- Displacement volume can be adjusted
- High viscosity capability
- High speed capability

Model	Ratio	Operating Air Pressure	Max. Priming Pressure	Output per Cycle	Dimensions		Air Inlet NPT Female	Mat'l Inlet NPT Female	Mat'l Outlet Female
					A	B			
83664	27:1	80-100 psi 5.5-7 bar	1,000 psi 68 bar	.005-.045in³ .08-.74cc	11¼" 286mm	4" 102mm	⅛"	¼"	⅛"
85250	35:1	100 psi 7 bar	1,500 psi 102 bar	.015-.200in³ .25—3.3cc	13¾" 337mm	3⅞" 98mm	⅛"	¼"	¼"
84564	36:1	100 psi 7 bar	2,000 psi 138 bar	.1-1.0in³ 1.6-16cc	20⁹⁄₁₆" 522mm	5¼" 133mm	⅜"	⅜"	⅜"
84540	35:1	100 psi 7 bar	2,000 psi 138 bar	.5-2.5in³ 8-41cc	21" 536mm	8⅜" 213mm	½"	½"	½"



Designed to be combined with PowerMaster® or PileDriver® pumping systems to dispense accurate volumes of adhesives, sealants, plastisols, lubricants, and other medium to high viscosity fluids. These positive displacements valves address the following applications:

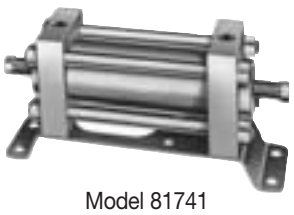
- Product packaging (pump material from 400 lb. drum to fill 16 oz. paper cartridges)
- Process fill (vinyl plastisol into product molds)
- Product fill (measure fluid into gear boxes, drives)

All Lincoln Measuring Valves feature:

- Positive displacement piston design
- Adjustable piston stops
- Horizontal or vertical mounting capability
- One moving part

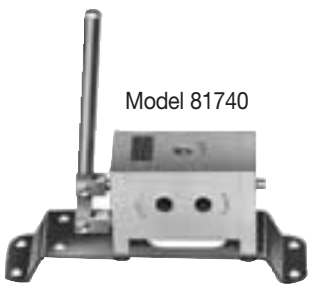
With these benefits:

- Accuracy and repeatability that cannot be matched by other measuring systems such as timed flow
- Capacity to “fine tune” and “lock in” output volume
- Reliability
- Long component life

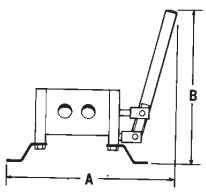


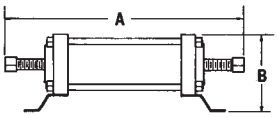
Model 81741

Model 83232



Model 81740





Model	Description	Max. Mat'l. Supply Press.		Output Per Cycle			Dimensions in. / mm		Mat'l. Inlet / Outlet
		psi	bar	cu. in.	cc	fl. oz.	A	B	
83232*	Requires 4-way valve	1000	68	0-34.7	0-569	0-18.5	32 / 813	5½ / 140	1" NPTF
81741	Require 4-way valves. All models are the same except for output and length.	5000	340	0-7.5	0-123	0-4	13 / 330	4⅞ 113	¼" NPTF
82232				7.5-15	123-246	4-8	16 11⁄16 424		

* Index head permits 10 adjustable outputs.

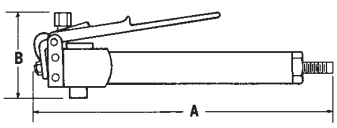
Manual 4-Way Valve

Model	Max. Material Supply Pressure		Material Inlet NPT	Material Outlet NPT Female	Air Inlet Female	Dimensions in. / mm	
	psi	bar				A	B
81740	5000	340	¼" NPTF	¼" NPTF	—	7¼ 184	8⅜ 208

Manual Measuring Valves

Manual High Pressure Measuring Valves include handle for manual (hand, foot or knee) operation, or can be actuated with an air cylinder.

Model 84523



Model	Max. Mat'l. Supply Press.		Output Per Cycle			Dimensions in. / mm		Mat'l. Inlet	Mat'l. Outlet
	psi	bar	cu. in.	cc	fl. oz.	A	B		
84523	5000	340	.081-1.8	1.3-30	.045-1	14 3⁄16 /376	4 /101	¼" NPTF	⅛" NPTF
284523	5000	340	.022-.288	.36-4.7	.012-.16	8⅜ /208	4 /101	¼" NPTF	⅛" NPTF

Minimum supply pressure 500 psi (35 bar).