

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 displacement 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:

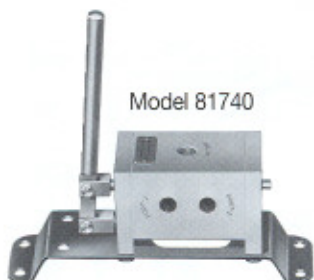
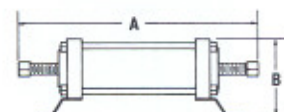
- Positive-displacement piston design
- Adjustable piston stops
- Horizontal or vertical mounting capability
- One moving part

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



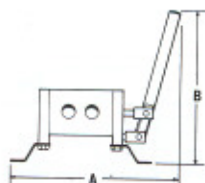
Model 81741



Model 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	
81741	Require 4-way valves	5000	340	0-7.5	0-123	0-4	13 / 330	4 ⁵ / ₁₆ / 113	1/4" NPTF

* Index head permits 10 adjustable outputs.



Manual 4-Way Valve

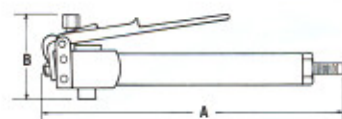
Model	Max. Material Supply Pressure		Material Inlet NPT	Material Outlet NPT Female	Air Inlet Female	Dimensions in. / mm	
	psi	bar				A	B
81740	5000	340	1/4" NPTF	1/4" NPTF	—	7 1/4 / 184	8 5/16 / 208



Model 84523

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	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	1/8" NPTF	1/8" NPTF

Minimum supply pressure 500 psi (35 bar).