

Industrial Pumping Equipment

Measuring Valves

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:

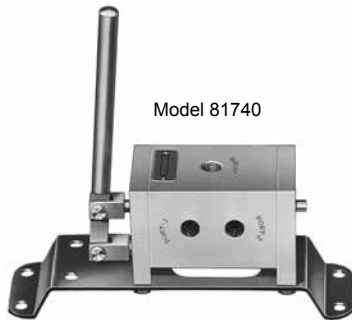
- Positive-displacement piston design
- Adjustable piston stops
- Horizontal or vertical mounting capability
- One moving part

With these benefits:

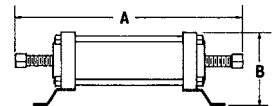
- Accuracy and repeatability that cannot be matched by other measuring systems such as timed flow
- Capacity to “fine tune” and “lock in” output volume
- Reliability
- Long component life



Model 81741



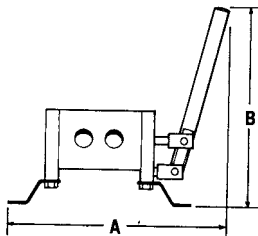
Model 81740



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 ⁷ / ₁₆ 113	1/4" NPTF

* Index head permits 10 adjustable outputs.

Manual 4-Way Valve



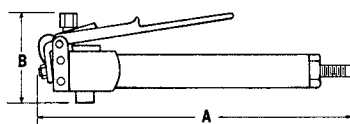
Model	Max. Material Supply Pressure		Material Inlet NPT	Material Outlet NPT Female	Air Inlet Female	Dimensions in. / mm	
	psi	bar				A	B
81740	5000	340	1/4" NPTF	1/4" NPTF	-	7 1/4 184	8 7/16 208

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 Pressure		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 ¹³ / ₁₆ /376	4 /101	1/4" NPTF	1/8" NPTF

Minimum supply pressure 500 psi (35 bar).