

The UBA P1/P2 Series Check Valve Style Metering Pumps are designed for low to medium viscosity liquid (< 5000 cps) in different applications with dispensing of 0.020 ml to 20ml per shot. These pumps have been proven reliability having serviced the cosmetic, food, pharmaceutical and other industries for many years.



P1-C

Dispensing Volume 0 --- 2.5 ML



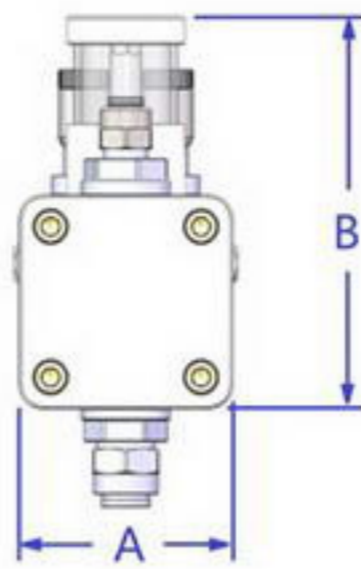
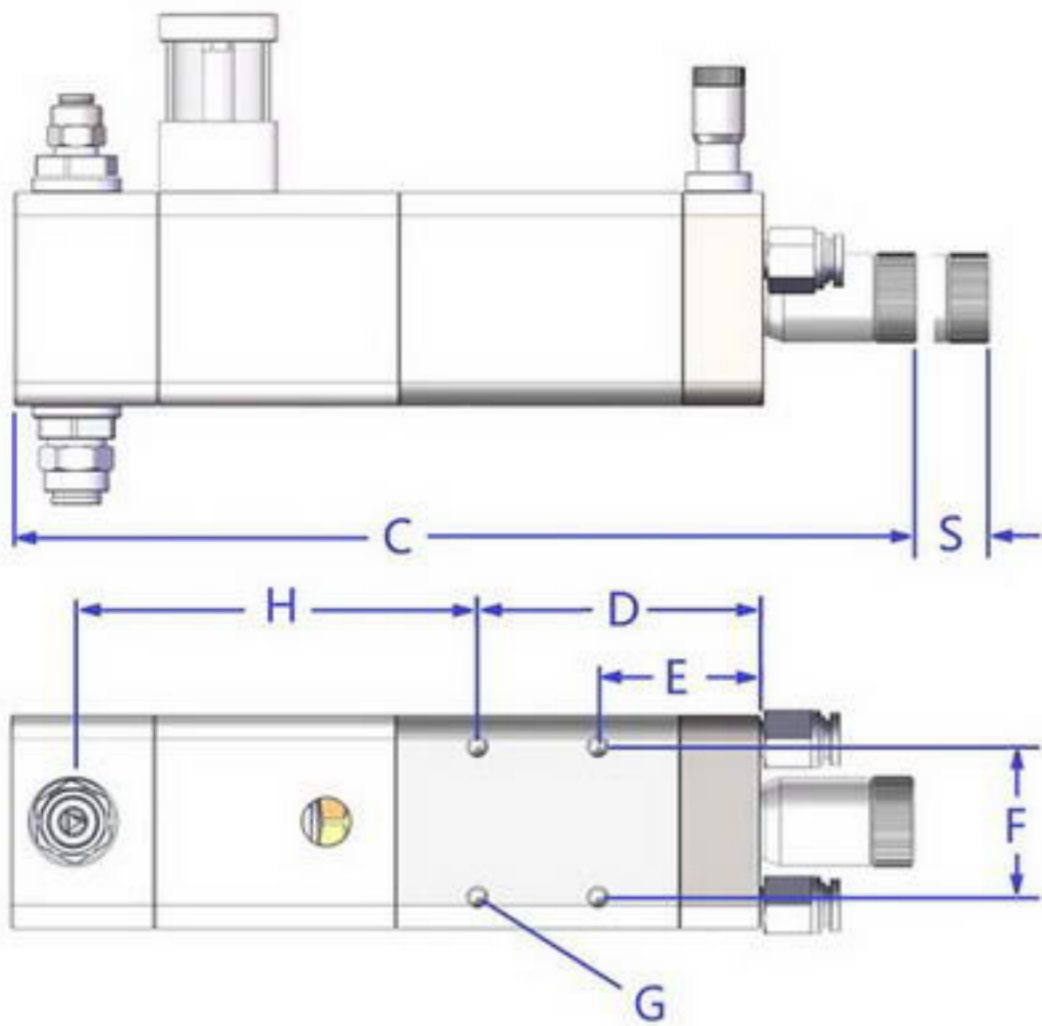
P2-C

Dispensing Volume 0 --- 20 ML

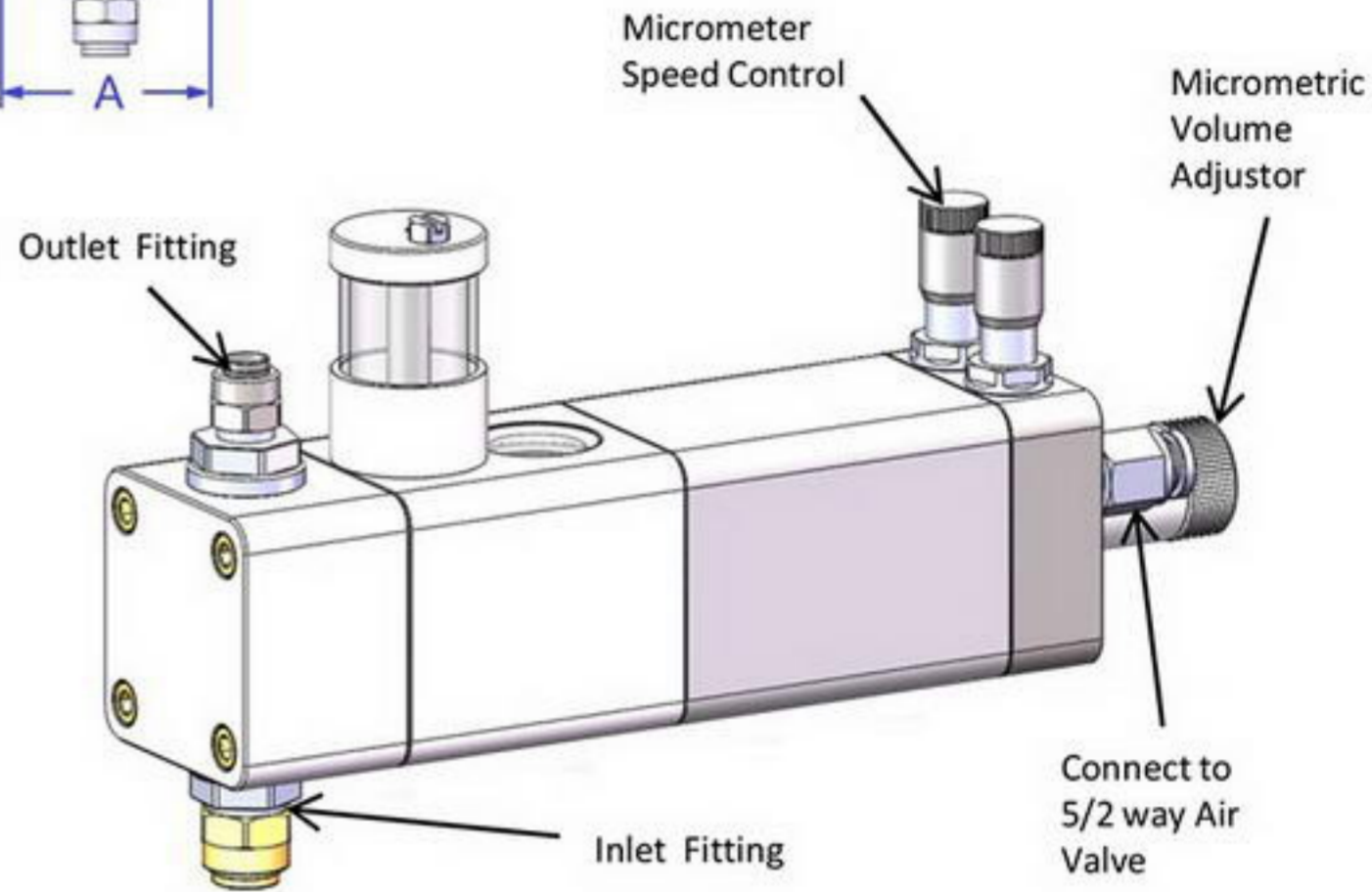
Features and Performances

- * Precise pneumatic drive assembly with micrometer volume adjustor, independent stroke speed control units.
- * Modular design, easy to disassemble, clean and maintain. Easy to integrate with filling system.
- * Precise Check Valve for low and medium viscosity liquid without particle.
- * Ceramic Plunger, 316 stainless steel pump body, suitable for different liquids. Fluorine plastic pump body is available as option for acid liquid.
- * High accuracy each shot within 0.5%.

Specifications



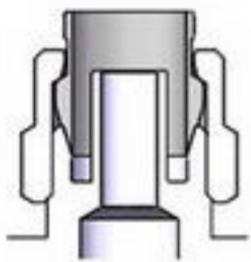
Material of Component	
Main Body	SUS316
Pump Head	SUS316\Teflon
Plunger	Ceramic,
Plunger Seal	Teflon, UHMW
O-ring	EP,VT,Si,BU,Kz
Tube	PE,PFA



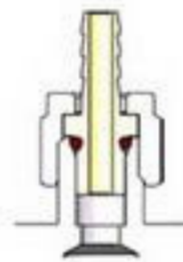
Available Tube Size:
1/2", 3/8", 1/4", 1/8"

Available Types of Inlet & Outlet :

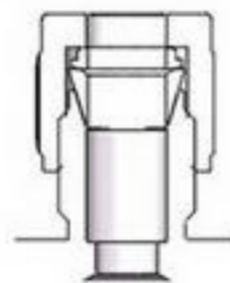
Tube Fitting



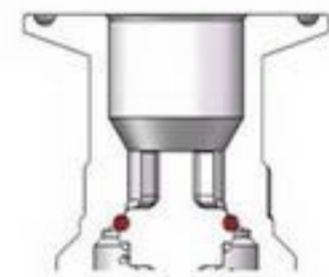
Quick Barb Fitting



Swagelok Fitting



Sani-Clamp



Model	Plunger Dia	Stroke	Dispensing Vol	Cycle Rate	Air Consumption	Dimension (MM)										Weight
	MM	MM	ML	Cycle/ Min	L/Min	A	B	C	S	D	E	F	G	H	KG	
P1-C03	4.7	12.7	0-0.23	0-300	12.5	45	103	205	12.7	59.7	34.3	32	8-32	85.3	2.5	
P1-C05	7.9		0-0.63													
P1-C07	11.1		0-1.2													
P1-C10	15.9		0-2.5													
P2-C10	15.9	25.4	0-5.0	0-150	23.5	52	134	268	25.4	76	31.5	38	8-32	97	3.2	
P2-C12	19.1		0-7.2													
P2-C14	22.2		0-9.8													
P2-C17	27.0		0-14.5													
P2-C20	31.8		0-20.1													

Typical Applications

General Industry		Cosmetic		Food		Pharmaceutical	
Acid	Solvent	Perfume	Essential oil	Jelly	Chocolate	Medicine	Blood Testor
Alkaline	Electrolyte	Shampoos	Moisturizer	Vinegar	Puddings	Biologicals	Culture Media
Ink	UV Glue	Oil	Hyaluronic acid	Honey	Tomato Sauce	Antibiotics	Soft Capsule