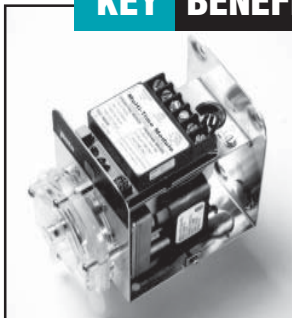


# P-4101P Precision Pump That Pays for Itself!



The P4101P is a very accurate and durable pump that eliminates costly over and under dosing. The P4101P dramatically reduces service calls. When it has prevented three of them it has paid for itself. The totally redesigned digital circuit of the P4101P ensures that you use only the amount wanted. The 8 oz/min speed-controlled pump has an accurate, adjustable runtime up to 10 minutes. The P4101P can be triggered by either an external AC/DC voltage or convenient button on the enclosure. The digital circuit is accurate ( $\pm 2\%$ ) at a wide range of operating temperatures and is highly immune to electrical noise. The pump tubes available for the P4101P have been selected to ensure long life and deliver consistent results that go straight to your bottom line.

## KEY BENEFITS



- Pays for itself by preventing service calls
- Repeatably, accurate dosing

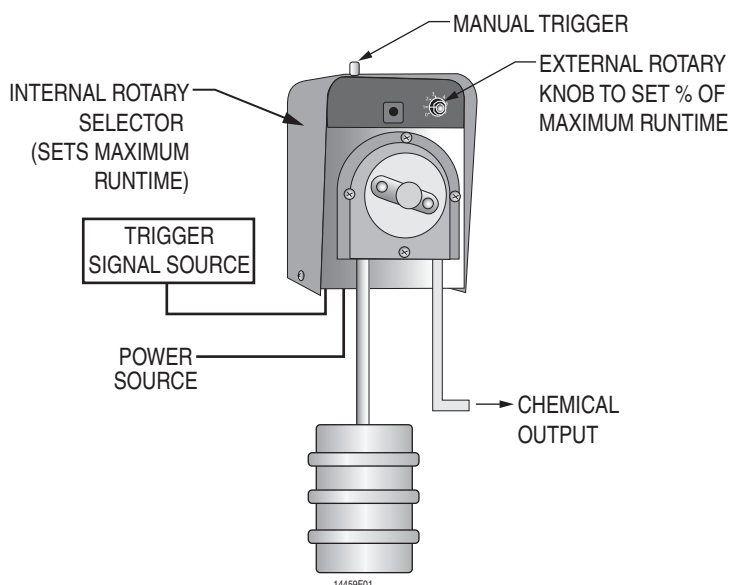
## P-4101P can easily be set for your applications

Internal Rotary Selector Setting	Maximum Runtime (minutes)	Maximum Dose (oz)
0	1:00	8
1	2:00	16
2	2:30	20
3	3:00	24
4	4:00	32
5	5:00	40
6	6:00	48
7	7:00	56
8	8:00	64
9	10:00	80

### Sample Configuration:

If Internal Rotary Selector position = 1 and  
 External Rotary Knob position = 4, then:  
 Actual Runtime = 1 minute, (4/8 of 2 minutes)  
 Actual Dose = 8 oz (4/8 of 16 oz)  
 Maximum Runtime = 2 minutes  
 Maximum Dose = 16 oz

## Typical Installation



## SPECIFICATIONS

### SIZE

5H x 3.5W x 4.13D (inches)  
 (12.7H x 9W x 10.5D centimeters)

### WEIGHT

5 lb (2.3 kg)

### CABINET

Type 304, brushed stainless steel

### MOUNTING

Wall mounted, 3 mounting holes

### MOTOR

Shaded-pole AC motor

### POWER

115 VAC (± 10%), 60 Hz, 1.1 Amps  
 230 VAC (± 10%), 60 Hz, 0.6 Amps

### OPERATING TEMPERATURE

36° to 120° Fahrenheit  
 2° to 49° Celsius

### PUMPS SPECIFICATIONS

Peristaltic, dual roller, self-priming and self-checking (no flow back)

### ACCURACY

±2% (Optimal system accuracy achieved with manual calibration)

### PRESSURE (DELIVERY)

20 PSI

### PRESSURE (PICKUP)

20 inches of mercury (Hg)

### CONTROL SIGNAL

24 to 240 VAC/DC (no transformer required)

### DISPLACEMENT

Up to 250 ml/min (based on one centipoise-water)

### VACUUM

8 Hg (inches of mercury), 1.4 bar

## STANDARD ITEMS

Item #	Description
1200298	P4101P,115V,60HZ,VITON (Replaces 093855)
1200299	P4101P,115V,60HZ,SILICONE (Replaces 040370 and 040371)
1200300	P4101P,115V,60HZ,MOLDED NORDEL
1200301	P4101P,115V,60HZ,BETA TUBE
1200302	P4101P,115V,60HZ,NORDEL
1200303	P4101P,115V,60HZ,CFLEX
1200305	P4111P,230V,60HZ,VITON (Replaces 098330)
1200313	P4101P,115V,60HZ,SILICONE, with remote trigger (Replaces 099472)
1200314	P4101P,115V,60HZ,VITON, with remote trigger (Replaces 099535)

## SPARE PARTS

Item #	Description
069970	Control Module
018051	Motor Gearbox 115 VAC
018053	Motor Gearbox 230 VAC
059969	Pump Housing Front
091083	Pump Housing Rear
051189	Roller Assembly (except Viton)
035939	Roller Assembly Viton
026913	Silicon Tube
022028	Beta Tube
041849	Nordel (molded)
035929	C-Flex
035919	Nordel (straight)



**Beta Technology, Inc**  
 2841 Mission Street  
 Santa Cruz • CA  
 U.S.A. • 95060

TEL • 831 • 426 • 0882  
 TEL • 800 • 858 • 2382  
 FAX • 831 • 423 • 4573  
 FAX • 800 • 221 • 8416

TEL (U.S. and Canada) • 800 • 468 • 4893  
 TEL (outside U.S. and Canada) • 410 • 228 • 1292  
 Tech Support  
 sales@beta-technology.com

**Beta Technology, Inc**  
 4 Finway, Dallow Road  
 Luton LU1 1TR  
 United Kingdom

Freephone • 0800 • 052 • 4726  
 Tel • +44(0) • 1582 • 528600  
 Fax • +44(0) • 1582 • 528111  
 Freephone • 0800 • 052 • 4726 Tech Service  
 VAT REG.NO.BG.354 - 09975 - 44  
 europe.sales@beta-technology.com

Online Ordering: <http://www.beta-technology.com>

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