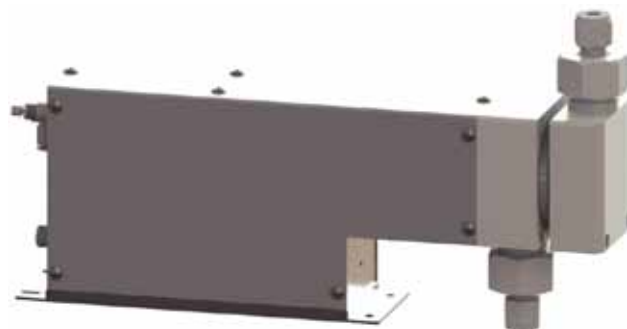


TP-22R

Photo Resist Pump RRC Signal type series

Stable 5 phase step motor controls for constant dispenses

- Driving Method
Outer Type Bellows, No ripple, & No shaking
- Discharge & Control Method
5 phase step motor controls with stable
- Signal is same as RRC Pump(ACT/MARK)



SPECIFICATIONS

ITEM	DESCRIPTION
Process	
Dispense Volume Range	0.5cc ~ 8.0cc
Dispense/ Reload Rate	0.1cc/sec ~ 4.0cc/sec
Dispense Volume Resolution	0.05cc
Dispense Repeatability	$\leq \pm 0.05(2.2\text{cp}, 23^\circ\text{C})$
Viscosity	Max: 500cp
Electrical Specification	
Drive System	Phase Stepping Motor, Drive current: 300 ~500mA/cycle
Control System	Power: 5V $\pm$ 0.25VDC, Current: 0.2A
Hardware	
Input Pulse vs Dispense Volume	1,000 pulse(full step) /1cc
Resist In/ Out	1/4 Inch Teflon
Input Pulse vs Encoder Output Pulse	Full step-1:1 Half step-2:1
Weight	1.92kg
Dimension	56(W) $\times$ 282(L) $\times$ 149(H)mm

Remarks

1. The distance between the pump & the PR bottle must be less than 1.5meter.
2. The filter installation may be possible under 200cP.
3. In case of over 1.5meter & 200cP, strongly recommended to discuss Talon Tech Co.,Ltd.