



TP-52R

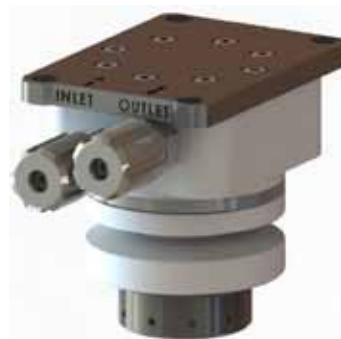
Photo Resist Pump RRC Signal type series

COLOR PR PUMP (CIS)

- DC Servo motor pump for constant dispenses
- Driving Method
 - Simple Diaphragm
- Save Maintenance Time
 - Easy to dis/assemble the diaphragm as an option
- Signal is same as RRC Pump (ACT/MARK)
 - No need for the extra controller
- Supply the additional diaphragm



Pump

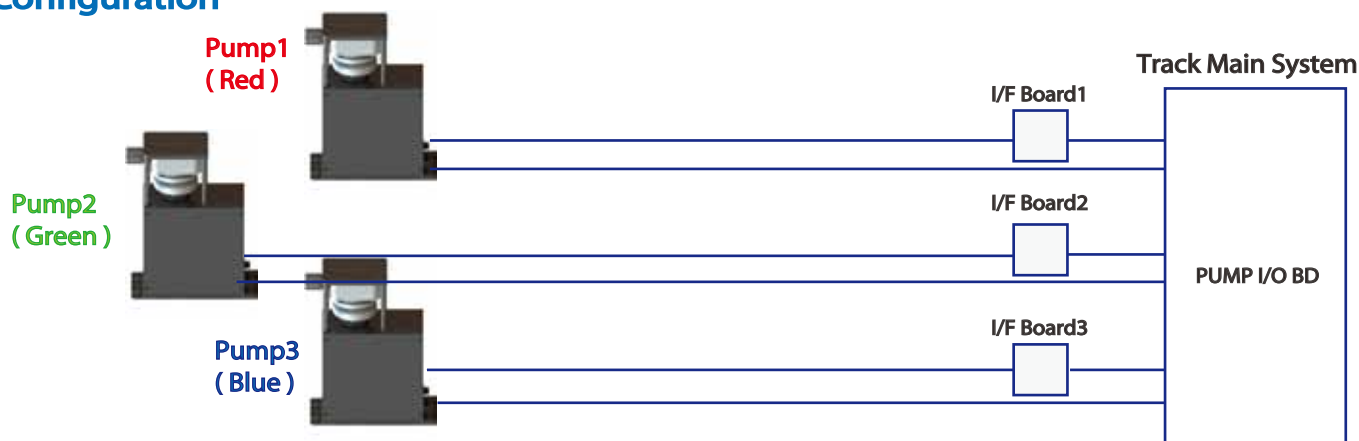


**Additional Diaphragm
(Option)**



Interface Board

Configuration



Specifications

ITEM	DESCRIPTION
Process	
Dispense Volume Range	0.5cc ~ 7.0cc
Dispense/ Reload Rate	0.5cc/sec ~ 4.0cc/sec
Dispense Volume Resolution	0.05cc
Dispense Repeatability	$\leq \pm 0.05(0.8\text{cp}, 23^\circ\text{C})$
Viscosity	Max: 500cp
Electrical Specification	
Drive System	DC Servo Motor, Drive current: 300 ~ 500mA/cycle
Power Source	Motor Driver : DC24V, Home Sensor : DC5V
Hardware	
Input Pulse vs Dispense Volume	812 pulse(full step) /1cc
Resist In/ Out	1/4 Inch Teflon
Input Pulse vs Encoder Output Pulse	Full step-1:1
Weight	3.3kg
Dimension	72(W) × 175(L) × 230(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.

Characteristics

