

TP-50BS

Photo Resist Pump

Conroller Separate type series

HIGH VISCOSITY PR PUMP

- DC Servo motor pump for constant dispenses
- Separated Controller and Touch Pad
- Touch Pad can control upto 16pumps
- Bubble trap for automatic bubble vents and PR charges
- Compact sized PR Pump and Controller. (1controller covers 2pumps)
- Bubble Reduction Function
- Diaphragm and bubble trap technologies are applied for step dispenses
- Save Maintenance Time
  - Easy Purge Function (bottle → buffer → nozzle)
  - Optimized Buffer Tank
- Special Welding
- No Leak Point



Pump

Touch pad

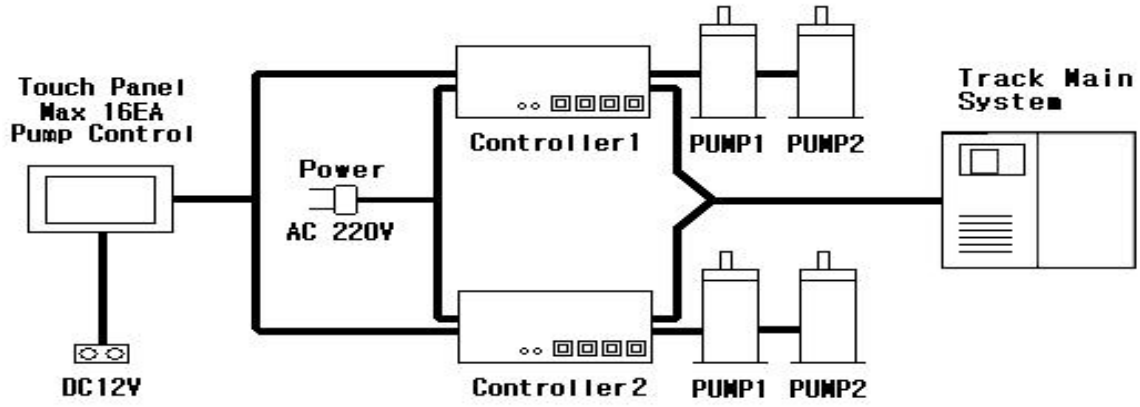


Controller

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Configuration



Specifications

ITEM	DESCRIPTION	
Process		
Dispense Volume Range	1.0cc ~ 7.0cc	
Dispense/ Reload Rate	0.3cc/sec ~ 1.2cc/sec	
Dispense Volume Resolution	0.01cc	
Dispense Repeatability	≤±0.04(Polyimide PIX/PIQ)	
Viscosity	200cp ~ 20,000cp	
Utility		
Electric Power	100VAC or 220VAC, 50/60Hz	
Air	0.1~0.3Mpa	
Resist In/ Out	3/8 Inch Teflon	
Hardware		
Weight	Controller/ Touch Pad	3.31kg/ 0.64kg
	Pump	6.30kg
Dimension (W)×(D)×(H)mm	Controller/ Touch Pad	250×261×94 / 140×44×88
	Pump	97×291×362

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

