



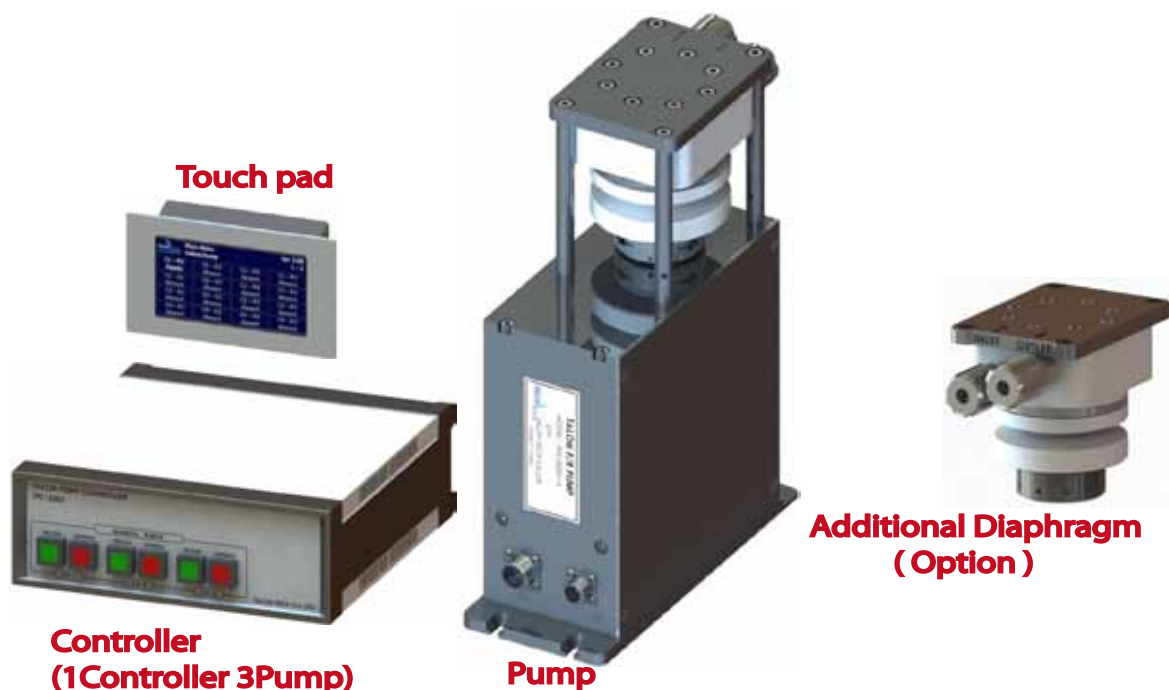
# TP-52S

## Photo Resist Pump

### Controller Separate type series

#### COLOR PR PUMP (CIS)

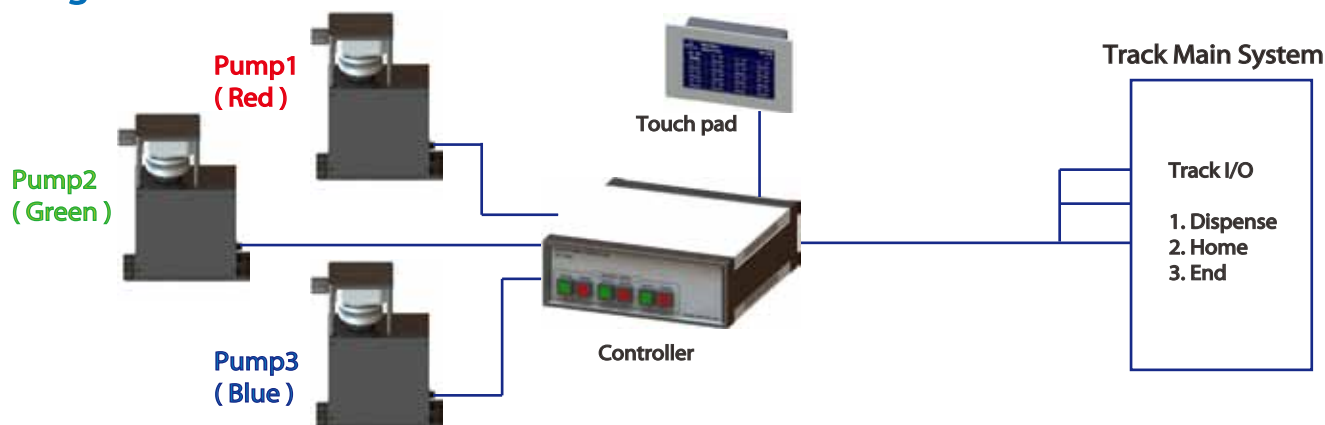
- DC Servo motor pump for constant dispenses
- Driving Method
  - Simple Diaphragm
- Save Maintenance Time
  - Easy to dis/assemble the diaphragm
- Supply the additional diaphragm as an option
- Step Dispenses
- Separated Controller and Touch Pad
- Touch Pad can control upto 16pumps
- 7 Recipes can be applied
- Compact sized PR Pump and Controller (1controller covers 3pumps)
- Save Maintenance Time
  - Easy Purge Function ( bottle → Pump → nozzle )



#### \*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.

## Configuration



## Specifications

| ITEM                       |            | DESCRIPTION                         |                                     |
|----------------------------|------------|-------------------------------------|-------------------------------------|
| Process                    |            | TP-52S-07(7cc)                      | TP-52S-10(10cc)                     |
| Dispense Volume Range      |            | 0.5cc ~ 7.0cc                       | 0.5cc ~ 10.0cc                      |
| Dispense/ Reload Rate      |            | 0.5cc/sec ~ 4.0cc/sec               | 0.5cc/sec ~ 4.0cc/sec               |
| Dispense Volume Resolution |            | 0.05cc                              | 0.05cc                              |
| Dispense Repeatability     |            | $\leq \pm 0.05(2.2cp, 23^{\circ}C)$ | $\leq \pm 0.05(2.2cp, 23^{\circ}C)$ |
| Viscosity                  |            | Max: 500cp                          | Max: 500cp                          |
| Utility                    |            |                                     |                                     |
| Electric Power             |            | 100VAC or 220VAC, 50/60Hz           | 100VAC or 220VAC, 50/60Hz           |
| Air                        |            | 0.1 ~ 0.3Mpa                        | 0.1 ~ 0.3Mpa                        |
| Resist In/ Out             |            | 1/4 Inch Teflon                     | 1/4 Inch Teflon                     |
| Hardware                   |            |                                     |                                     |
| Weight                     | Pump       | 3.30kg                              | 3.35kg                              |
|                            | Controller | 3.43kg                              | 3.43kg                              |
|                            | Touch Pad  | 0.64kg                              | 0.64kg                              |
| Dimension (W)x(D)x(H)mm    | Pump       | 72x175x230                          | 72x175x239                          |
|                            | Controller | 250x261x94                          | 250x261x94                          |
|                            | Touch Pad  | 140x44x88                           | 140x44x88                           |

## Characteristics

