

## Automatic Acetic acid and Methanol mixing

### Auto Fixative Mixer

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Auto Fixative mixer HANABI-SPI is an equipment which enables anyone to create the high quality fixative solution easily and automatically.

HANABI-SPI has two tube pumps which are exchangeable and tolerable for chemicals. Its pump-flow adjuster volume enables you to create the various concentration of fixative solution. You are able to create the required volume of fixative solution by the timer and surface sensor on the back of the fixative solution bottle and it leads the reduction for each chemical reagent.



Auto Fixative Mixer  
Gallon bottle type

HANABI-SPI is the auxiliary equipment for HANABI Harvester series and its high ability would be shown using with HANABI series.

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**Manufacturer and Distributor**

**Sales Agency**

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## HANABI-SPI Specifications

The main specifications are as below

No.	Items	Specifications	Remarks
1	Tube Pump1 (Pump 1)	0 - 180ml/min	Pump Speed can change flow quantity (Default: 150ml/min)
2	Tube Pump2 (Pump 2)	50ml/min	
3	Mixture rate	P1 : P2 = 0:1 - 3.6:1	P1 = Pump 1, P2 = Pump 2 (Default: 3:1)
4	Timer change width	0 - 1min	Minimum: 5 sec
5	Minimum Fixativesolution volume	50ml/min	Pump1 : Pump2 = 0 : 1(Flow ratio)
6	Maximum Fixativesolution volume	230ml/min	Pump1 : Pump2 = 3.6 : 1 (Flow ratio)
7	Recommend bottle	3000ml	Methanol , Acetic acid
8	Recommend bottle	500ml	Fixativesolution
9	Operating environment	15 - 30°C, 20 - 60%RH	non-condensing
10	Strage environment	0 - 40°C, 0 - 95%RH	non-condensing, non-icing
11	Input voltage	AC100 - 240V, 100W	50 / 60Hz
12	Externals size	470Wx300Dx320H	
13	Weight	6kg	Without bottle and liquid
14	Safety Standards	CE-marking	EN61010-1, EN61326-1
15	Sound level	73dB	

### 3. Process flow

