



## Manual Valve

Compact size 2-way diaphragm valve

Size : 3/4"

# FVMT 2050

## Specifications 사양

Orifice size	16 Ø	
Connection size	3/4"	
OP.Temp	5~80 °C (PP)	120°C <sup>1)</sup> (PPS)
OP.Press(ordinary)	0 ~ 0.4MPa	0 ~ 0.3 MPa
OP.Press(reverse)	0 ~ 0.3MPa	0 ~ 0.2 MPa
Cv	1.241	
Weight	472 g	

1) : For hydrofluoric acid or chemicals containing hydrofluoric acid, use the temperature below 80 degrees Celsius.

## Applications 사용 분야

- Semiconductor and LCD wet equipment
- Using to control the little flow of coater or developer equipment
- Using to control the little flow of wet spin process equipment
- Chemical supply unit of little capacity
- Microbe, biochemistry and medical fields
- 반도체 및 LCD wet 장비
- Coater, Developer 장비의 소유량 제어용
- Wet spin process 장비의 소유량 제어용
- 소유량 Chemical supply unit
- 미생물 생화학 의약 분야

## General 개요

This is compact diaphragm valve as from 3/4" and this durable valve is tested up to 10million cycling times. Since wetted parts are constructed anticorrosive PFA, suitable for DI water or chemical process line.

이 valve는 3/4" Tube size의 중형 Diaphragm valve입니다. 우수한 내구성의 이 Valve는 1000만 Cycle test를 거쳤습니다. 접액부는 우수한 내화학성의 PFA로 만들어져 DI water 및 Chemical 공정에 적합한 제품입니다.

## Features 특징

- Wetted parts is made of PFA
- PTFE diaphragm tested to more than a 10million cycles
- 3/4" size connection
- Sleeve insert tube, Flare, PT female connection
- NC, NO, Double Acting by air
- Indicator for movement's confirmation, flow control function
- Particle free, none ion contamination
- Ultrasonic washing by DI water & vacuum packing

- PFA 재질로 구성
- 1000만 cycle test를 거친 PTFE diaphragm
- 큰 orifice 구조로 원활한 유체 유동과 적은 압력 손실
- 3/4" size connection
- Sleeve insert tube, Flare, PT female connection
- Air 구동의 NC, NO, Double Acting
- 동작 확인용 indicator, 유량 조절 기능 부착
- Particle free, none ion contamination
- Degreasing, DI water로 초음파 세정 및 진공포장

Part name	Material	
	80 °C	120 °C
Body	PFA	
Diaphragm	TFM	
Upper Cover	PP	PPS
Actuator	PP, PPS	PPS
Mounting Plate	SUS304, SUS304(Teflon coating), PP, PPS	

## Ordering Information 주문 방법

FVAT 2050    -   -  -  -

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Body	② Upper Cover	③ Actuator	④ Connection	⑤ Option	⑥ O – Ring
T : PFA	E : PP S : PPS	E : PP S : PPS	5 : 3/4" Z : Z Fitting	1 : Indicator	V : FKM (VITON) E : EPDM F : ETP K : FFKM N : NBR

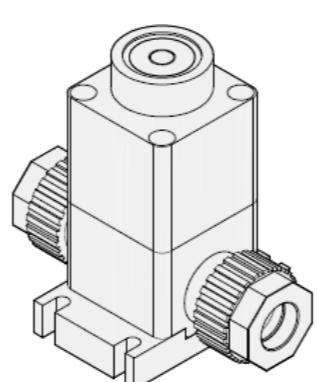
⑦ Plate Material	⑧ Base Plate Type × <sup>1</sup>	⑨ Diaphragm
S : SUS304	A : A Type Plate	P : PTFE
ST : SUS304(Teflon Coating)	B : B Type Plate	T : TFM
E : PP AS : PPS	C : C Type Plate	

## Dimension 크기

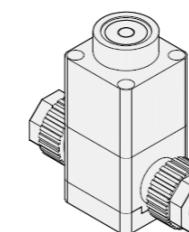
설계치수는 영업부에 문의 또는 승인도를 요청 바랍니다. 상기 치수는 변경될 수 있습니다.

For exact size of each item, Please contact Sales Dept. Above-mentioned dimensions are changeable.

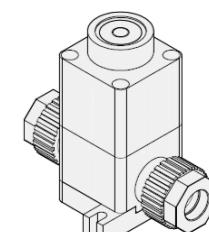
### Base Plate Type (mm) 바닥 Plate



A Type Plate



B Type Plate



C Type Plate

