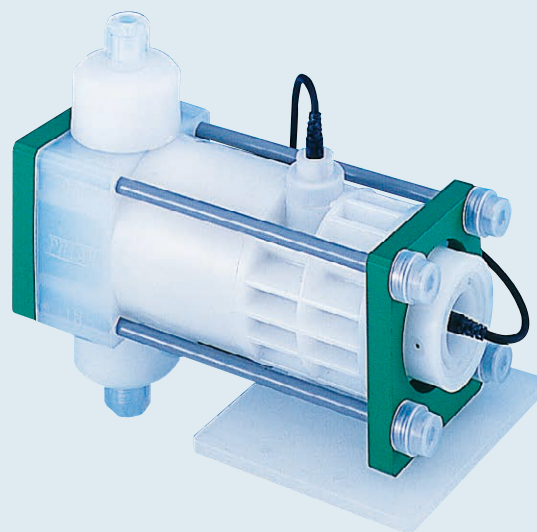


# PW Series Metering Pump for Chemical Fluid Injection



High discharge accuracy  
All wetted parts are made of fluorocarbon polymers



## ■ Features

### ■ Achieved repeatability $\pm 1\%$

Quantitative accuracy has been improved by structurally resolving dripping after discharge.

### ■ Adopting a new valve mechanism

We have adopted a valve mechanism that stops the siphon phenomenon.

### ■ Variable stroke speed

As a pump for chemical fluid injection, this product can control its stroke speed between 4 and 40 spm, making wide-range concentration control possible.

## ■ Specifications

Model		PW-5MA	PW-10MA
Pump connection size	mm	$\phi 6 \times \phi 4$	$\phi 10 \times \phi 8$
Pump connectors *1		Super Type PILLAR Fitting™ or Super 300 Type PILLAR Fitting™	
Discharge capacity	mL/shot	5*2	10*2
Operating temperature range	°C	10 to 100	
Discharge accuracy (Repeatability)		Within 1.0%*3	
Air inlet ports		2-Rc 1/8	
Supply air pressure	MPaG	0.2 to 0.25	
Max discharge pressure	MPaG	0.05	
Max suction height	m	3.5 (when pure water is suctioned at 40 spm)	
Stroke speed	spm	4 to 40*4	
Weight	kg	1.3	1.5

\*1: The pump connector model differs according to the fitting type. Therefore, be sure to indicate the fitting type when placing an order.

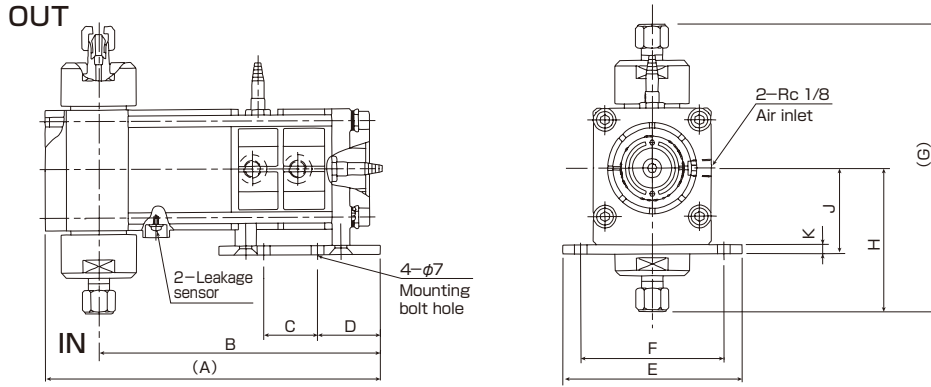
\*2: These values are applicable when 25°C pure water is discharged.

\*3: This value is applicable only when the temperature, supply air pressure, and stroke speed are constant.

\*4: Do not use this product outside the specified range (4 to 40 spm).

# Metering Pump for Chemical Fluid Injection PW Series

## Structural drawings and size table

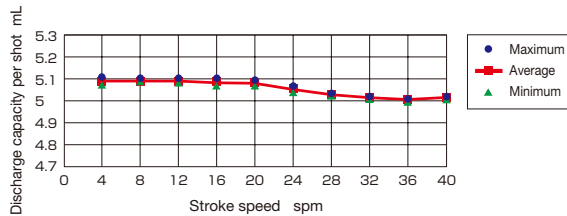


Unit: mm

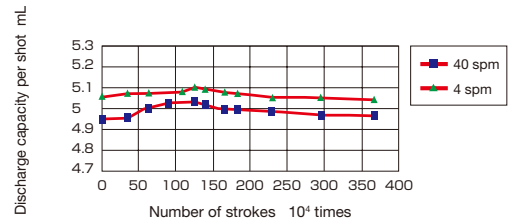
Model	(A)	B	C	D	E	F	(G)		(H)		J	K
							Super Type	Super 300 Type P-series	Super Type	Super 300 Type P-series		
PW-5MA	185	155	30	35	100	80	158	156	79	78	47	5
PW-10MA	185	155	30	35	100	80	178	187	89	93.5	47	5

## Performance

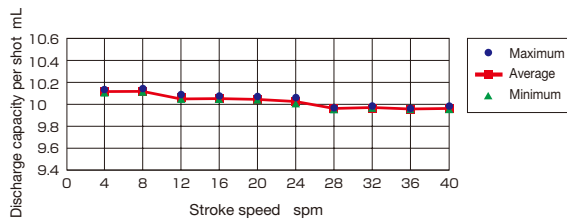
PW-5MA Quantitative accuracy graph



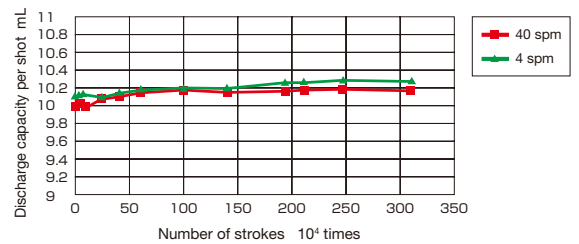
PW-5MA Results of long-term continuous testing at room temperature



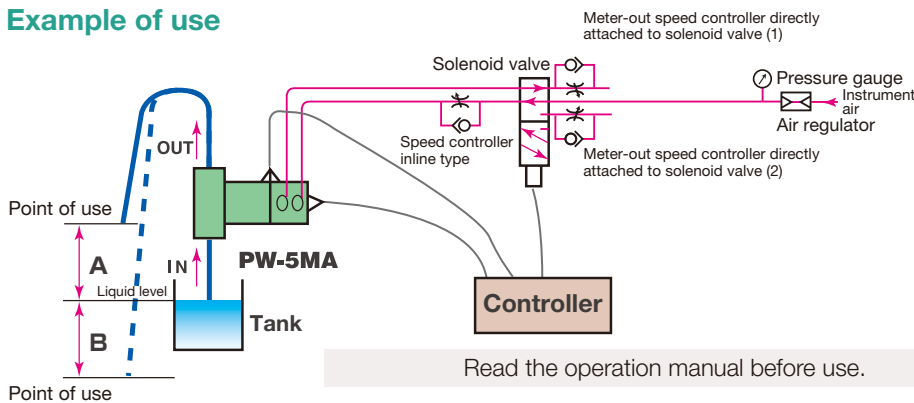
PW-10MA Quantitative accuracy graph



PW-10MA Results of long-term continuous testing at room temperature



## Example of use



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● When using this product, please use correctly and pay sufficient attention to safety.

\* Please understand that this catalog may change without prior notice.  
 \* The values shown on this catalog are reference values, not guaranteed values.