

### V-07AEP06-P



# High precision metering pump optimized for immunoassay analyzers

Typical applications: Fixed quantity reagent injection, cleaning solution management, buffer solution management, fixed saline injection, etc.

#### Variable discharge

A discharge rate of 0.1, 0.2, or 0.3 milliliters per shot can be selected by adjusting the angle setting on the pump head. (Configurable at time of order)

#### **High corrosion resistance**

The ECTFE pump head allows for the delivery of strong alkaline.

#### **Cleaning port**

The cleaning port prevents seizing of the plunger. The plunger surface is kept clean at all times, allowing it to operate freely whenever needed.

#### High torque motor

The V-07AEP06 is equipped with a bipolar stepper motor. The motor generates approximately twice the torque output, with the same electric current, than the conventional unipolar motor. This eliminates problems such as plunger lock.

#### **Rotation sensor**

With an integrated standard rotation sensor, the pump quickly detects errors and easily monitors discharge rates.



**Chemical Pump Specialists** 



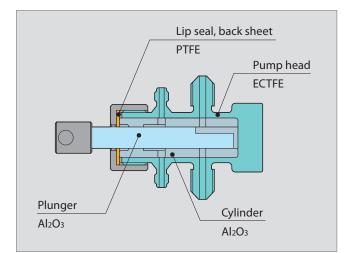
## **V-07AEP06-P**

#### **Pump Specifications**

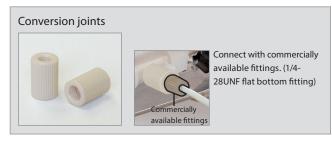
	V - 07 A E P 06 - P		
Model	01	02	03
1 shot flow	0.1 mL	0.2 mL	0.3 mL
Flow rate	0.5 to 30 mL/min	1.0 to 60 mL/min	1.5 to 90 mL/min
Stroke rate	5 to 300 rpm		
Precision dosing	±1.5 % <sup>Note</sup>		
Max. discharge pressure	150 kPa		
Liquid temperature	0 to 60 °C		
Atmosphere temperature	0 to 40 °C		
Weight	700 g		
Dimensions	150 mm × 79 mm × 77 mm		
Motor	2-phase bipolar stepper motor		
Power voltage range	24 VDC ±10%		

Note: Operated under the following conditions: 100 rpm speed, 10 shots and no pressure.

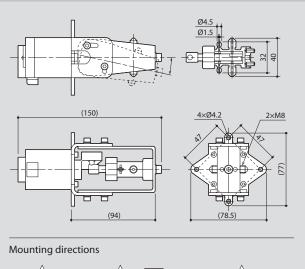
#### Wet end materials

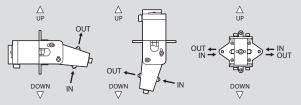


#### **Optional accessory**



#### **Dimensions in mm**









www.lwakiAmerica.com

Five Boynton Road • Holliston, MA • 01746 USA • Tel: 508-429-1440 • Fax: 508-429-1386 info@iwakiamerica.com