

ADP-3000 Flow Rate

For the PharmPump II and PharmPump III, flow rates are affected by several factors. Among them, these can include:

- Fluid viscosity
- Fluid temperatures
- Line pressures
- Head pressure heights of the source bag and/or device to be filled

Because of this, there is no strict definition that correlates RPMs with actual fluid flow rates. To provide our pump users with some nominal measurements, MPS performed the following bench-top test to measure flow rates against RPMs.

<u>RPMS</u>	<u>Conditions</u>	<u>Measured Flow Rate</u>
30 RPM	<ul style="list-style-type: none">- Calibrate ADP-3000 using water- Place source bag at level with pump- Fill measurement device to 100 mL	1.064 mL / second
300 RPM	<ul style="list-style-type: none">- Calibrate ADP-3000 using water- Place source bag at level with pump- Fill measurement device to 400 mL	9.090 mL / second