











# Ring Pump Lineup




Standard type [5 mL – 2500 mL/min]

Type	Flow rate (mL / min)	Tubing	Motor/Power	Appearance/Dimension (mm)
<b>RP-M Series</b> DC Power type	5 30 10 50 20 65	●Silicone ●PharMed BPT* ●Transmaster TM-15 ●SWFT	DC geared motor DC24V	 L: 74.5 W: 74 D: Depend on motor
<b>RP-M Series</b> AC Power type	5 15 20 35 (at 60Hz)	●Silicone ●PharMed BPT* ●SWFT	AC synchronous motor AC100V	 L: 74.5 W: 74 D: 48
<b>RP-K II Series</b> Tough & Economical	50 200 100 250 150	●Silicone ●Tygon A-60-F** ●Transmaster TM-15	DC geared motor DC24V	 L: 117.7 W: 79 D: Depend on motor
<b>RP-S Series</b> Big volume type	500 700 800	●Tygon A-60-F** ●PharMed BPT* ●Transmaster TM-15	DC geared motor DC24V	 L: 126 W: 81 D: Depend on motor
<b>RP-2S Series</b> Big volume & Less pulsation	1000 1400 1600	●Tygon A-60-F** ●PharMed BPT* ●Transmaster TM-15	DC geared motor DC24V	 L: 126 W: 81 D: Depend on motor
<b>RP-3S Series</b> Easy flow volume control & Less pulsation	2500 (Max)	●PharMed BPT*	Stepper motor DC24V	 L: 178 W: 81 D: 168.5
<b>RP-W II Series</b> Tough & Less Pulsation	350 500 700	●PharMed BPT*	DC geared motor DC24V	 L: 148.3 W: 82 D: 143.5



Compact type [Motor-built-in box type]

Type	Flow rate (mL / min)	Tubing	Motor/Power	Appearance/Dimension (mm)
<b>RP-G II Series</b> Small Box type	10 25 12 40 17 45 20	●Silicone ●Tygon A-60-F** ●PharMed BPT*	DC geared motor DC12V,24V	 L: 47.5 W: 74 D: 27
<b>RP-2G II Series</b> Box type & Less Pulsation	20 50 25 70 30 80 35	●Silicone ●Tygon A-60-F** ●PharMed BPT*	DC geared motor DC12V,24V	 L: 47.5 W: 74 D: 27
<b>RP-G III Series</b> Box type small flow rate	2.5 6.5 3.0 7.0 3.2 8.0 4.5 10.0 5.0 12.0	●Silicone ●PharMed BPT* ●Versilon A-5500-F*** ●Transmaster TM-15	DC geared motor DC3V,6V	 L: 44 W: 65 D: 22.5

Super small type [0.2 mL – 3.0 mL/min]

Type	Flow rate (mL / min)	Tubing	Motor/Power	Appearance/Dimension (mm)
<b>RP-Q, QX Series</b> Super small type	RP-Q: 0.20 0.45 RP-QX: 0.50 1.10	●Silicone ●Tygon A-60-F** ●SWFT	DC geared motor DC3V	 L: 15.4 W: 11.9 D: 31.5
<b>RP-Q II Series</b> <b>RP-Q III Series</b> Pump head replaceable type	RP-Q II : 0.45 0.9 RP-Q II X: 1.2 2.2 RP-Q II A: 3.0 (same for RP-Q III series)	●Silicone ●SWFT	DC geared motor DC3V	 L: 17.0 W: 15.0 (24.3) D: 32.7 RP-Q II Series RP-Q III Series ( ) Q III
<b>RP-C III Series</b> Pump head replaceable type	1.6 2.8	●Silicone ●PharMed BPT* ●Versilon F-5500-A***	DC geared motor DC3V-5V	 L: 44.5 W: 26 D: 33.4

Micro type [nano L to μL /min]

Type	Flow rate (mL / min)	Tubing	Motor/Power	Appearance/Dimension (mm)
<b>RP-TX Series</b> Pump head replaceable type	30nL-40 μL/min	●Silicone ●PharMed BPT*	Stepper motor DC 3.0V	 L: 33 W: 12 D: 21.5
<b>RP-HX Series</b> Pump head replaceable type	2 μL-1,000 μL/min	●Silicone ●PharMed BPT*	Stepper motor DC 2.6 - 3.0V	 L: 32 W: 20 D: 46

\* Formerly described as PharMed.  
\*\* Formerly described as Norprene.  
\*\*\* Formerly described as Fluran.