

**Micro Pumps**  
**uf-6000-2 Series**

uf-6000-2 series is the linear-cam and dual plunger type pump to be used for analytical and high pressure preparative works. With the pressure sensor, drain valve and pulse damper built in, the micro pump will provide a stable liquid feeding with minimized pulsation in constant flow rate or constant pressure mode.

**Specifications :**

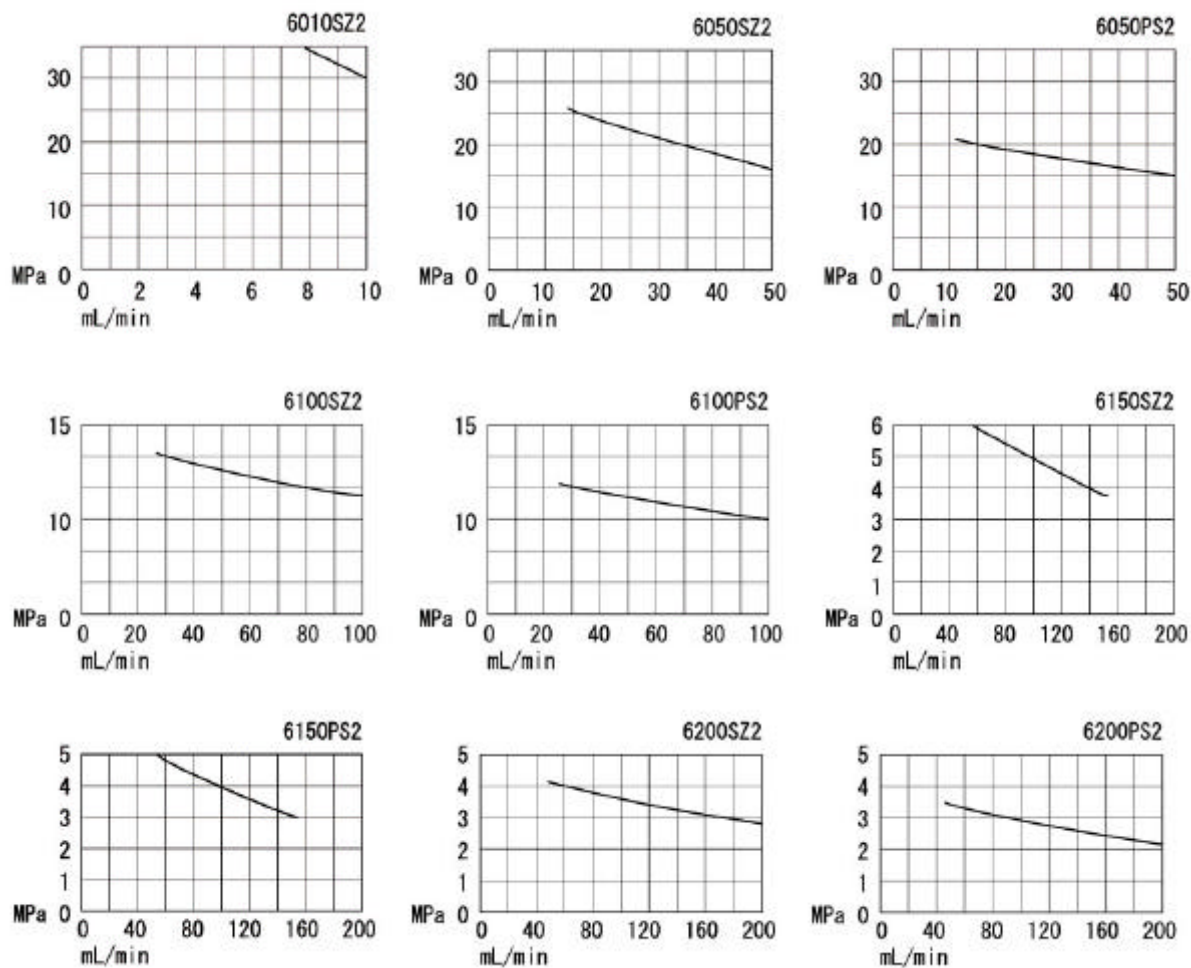
Model	6010SZ2	6010PS2	6020SZ2	6020PS2	6050SZ2	6050PS2
General Application	Analytical & High pressure preparative works		High pressure preparative works			
Feed Method	Linear-cam, dual plunger					
Mode	Constant flow rate and constant pressure flow					
Flow rate mL/min	0.01 – 9.99, 0.01 step		0.1 – 20.0, 0.1 step		0.1 – 50.0, 0.1 step	
Accuracy	+/- 2% (0.3 mL/min - )		+/- 3%			
Reproducibility	0.2% or less (1 mL/min)		1% or less (10 mL/min)			
Volume/Stroke (µL)	63.3		135		308	
Max. Output Pressure (MPa)	35 (Figure 1)	20	35	20	25 (Figure 2)	20 (Figure 3)
Liquid Contact Parts	NB 1	NB 2	NB 1	NB 2	NB 1	NB 2
Inner Cleaning of Plunger Seal	Available					
Input/Output	Through DC voltage, external input of flow rate and pressure settings, Pump RUN/STOP input, Pressure limiter reset input, Pressure monitor output, Pump RUN output, Pressure limiter output					
Dimensions	140 (W) x 170 (H) x 370 (D) mm / 5.6 (W) x 6.7 (H) x 14.6 (D) in.					
Weight	8 kg, 17.7 lb					
Power Supply	AC 100, 120, 220, 240V, 50/60 Hz, 2A					
Ambient Temperature	4 – 35 degrees C (without dew condensation)					

Model	6100SZ2	6100PS2	6150SZ2	6150PS2	6200SZ2	6200PS2
General Application	High pressure preparative works					
Feed Method	Linear-cam, dual plunger					
Mode	Constant flow rate and constant pressure flow					
Flow rate mL/min	0.1 – 99.9, 0.1 step		1 – 150, 1 step		1 – 200, 1 step	
Accuracy	+/- 3%					
Reproducibility	1% or less (10 mL/min)					
Volume/Stroke (µL)	570					
Max. Output Pressure (MPa)	12 (Figure 4)	9.5 (Figure 5)	6 (Figure 6)	4.8 (Figure 7)	4 (Figure 8)	3.2 (Figure 9)
Liquid Contact Parts	NB 1	NB 2	NB 1	NB 2	NB 1	NB 2
Inner Cleaning of Plunger Seal	Available					
Input/Output	Through DC voltage, external input of flow rate and pressure settings, Pump RUN/STOP input, Pressure limiter reset input, Pressure monitor output, Pump RUN output, Pressure limiter output					
Dimensions	140 (W) x 170 (H) x 370 (D) mm / 5.6 (W) x 6.7 (H) x 14.6 (D) in.					
Weight	8 kg, 17.7 lb					
Power Supply	AC 100, 120, 220, 240V, 50/60 Hz, 2A					
Ambient Temperature	4 – 35 degrees C (without dew condensation)					

NB 1) SUS316, Zirconia, PEEK, Sapphire, Ruby, Teflon, ETFE  
NB 2) PEEK, Sapphire, Ruby, Teflon, ETFE

# SANWA TSUSHO Co., Ltd.

<Max. Output Pressure (Figure 1 – 9)>



The specifications are subject to change without prior notice.

(14.May 2003)