

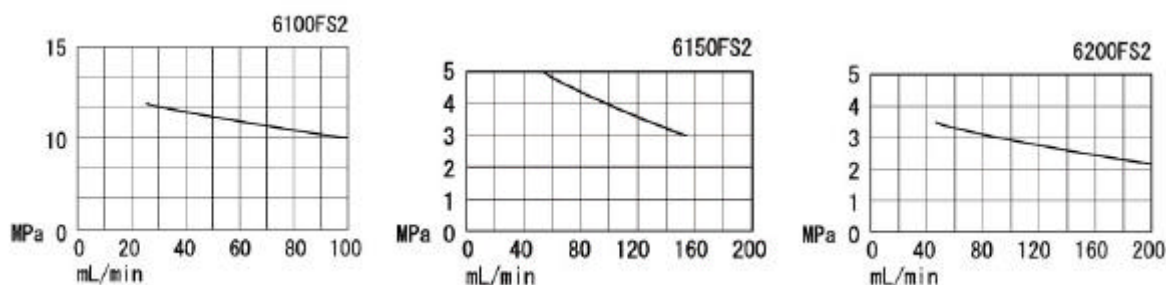
Micro Pumps
uf-6000-F2 Series

uf-6000-F2 series is the linear-cam and dual plunger type pump to be used for analytical and high pressure preparative works. Strong acid can be pumped since the liquid contact parts are made of fluorine resin, sapphire, ruby and alumina. 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	uf-6010FS2	uf-6020FS2	uf-6050FS2	uf-6100FS2	uf-6150FS2	uf-6200FS2
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	0.1 – 99.9 0.1 step	1 – 150 1 step	1 – 200 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	570		
Max. Output Pressure (MPa)	10			9.5 (Figure 1)	4.8 (Figure 2)	3.2 (Figure 3)
Liquid Contact Parts	3F, Sapphire, Ruby, Teflon, ETFE					
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)					

<Max. Output Pressure (Figure 1 - 3)>



The specifications are subject to change without prior notice.

(14.May 2003)