

Micro Pumps for Column-Packing

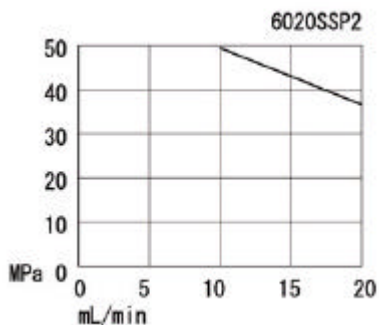
uf-6000-2 Series

uf-6000-2 series for column packing is the linear-cam and dual plunger type pump. With the pressure sensor, drain valve and pulse damper built in, the micro pump will provide successful column-packing under optimum conditions by feeding in constant pressure mode with the external settings of the maximum flow rate and pressure.

Specifications :

Model	uf-6010SSP2	uf-6020SSP2
General Application	Column-packing	
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
Accuracy	+/- 2% (0.3 mL/min -)	
Reproducibility	1% or less (1 mL/min)	
Volume/Stroke (µL)	63.3	135
Max. Output Pressure (MPa)	49.5, 0.5 step	49.5, 0.5 step (Figure 1)
Liquid Contact Parts	SUS316, PEEK, 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)>



The specifications are subject to change without prior notice.

(14.May 2003)