

# 注射泵技术参数表格

## 注射泵选择指南

- 1、首先需要考虑您的应用领域
- 2、需要同时使用多少个注射器
- 3、选择合适规格尺寸的注射器
- 4、根据所需流速来选择合适的精度
- 5、一次注射的总量是多少，选择合适的注射器
- 6、除了注射，需不需要回吸功能

Syringe Pump Selection Guide									
	INFUSION ONLY								
MODEL	PUMP 11 ELITE	PUMP 22 **	PHD 22/2000	PHD ULTRA™	NANOCOOL™	PUMP 11 ELITE	PUMP 11 PICO PLUS ELITE	PUMP 11 ELITE NANOMITE	
SEE PAGE									
STANDARD PUMP	PC2 70-4500 PC2 70-4501	PC2 55-2222	PC2 70-2000	PC2 70-3005	-	-	-	-	
PROGRAMMABLE PUMP	-	-	-	-	PC2 88-1050	PC2 70-4504 PC2 70-4505	PC2 70-4506	PC2 70-4507	
NUMBER OF SYRINGE SIZE	1 or 2	2 to 10*	2 to 10*	2 to 10*	1	1 or 2	2	1	
MINIMUM SYRINGE SIZE	0.5 µl	0.5 µl	0.5 µl	0.5 µl	50 µl	0.5 µl	0.5 µl	0.5 µl	
MAXIMUM SYRINGE SIZE	50/60 ml (single) 10 ml (dual)	140ml	140ml	140ml	500 µl	50/60 ml (single) 10 ml (dual)	10 ml	1 ml	
MINIMUM FLOW RATE	1.26 pl/min	0.002 µl/hr	0.0001 µl/hr	1.50 pl/min	3.66 pl/min	1.26 pl/min	0.54 pl/min	3.66 pl/min	
MAXIMUM FLOW RATE	88.40 ml/min (single) 26.02 ml/min (dual)	55.1 ml/min	220.82 ml/min	216.0 ml/min	1.91 ml/min	88.40 ml/min (single) 26.02 ml/min (dual)	11.70 ml/min	3.82 ml/min	
AVERAGE LINEAR FORCE	16 kg (35 lbs) (adjustable)	21 kg (47 lbs)	23 kg (50 lbs) or 30 kg (66 lbs)	34 kg (75 lbs) (adjustable)	-	16 kg (35 lbs) (adjustable)	16 kg (35 lbs) (adjustable)	5 kg (11 lbs) (adjustable)	
COMPUTER CONTROL	USB	RS-232	RS-232	USB+RS-232	USB+RS-232	USB	USB	USB	
I/O + TTL CONNECTION	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
DIMENSIONS (H x W x D)	22.6 x 17.78 x 15 cm (9 x 7 x 6 in)	28 x 22.2 x 14 cm (11 x 8.75 x 5.5 in)	15.9 x 22.8 x 27.9 cm (6.3 x 9 x 11 in)	10.6 x 30.5 x 21.6 cm (4 x 12 x 8.5 in)	30.5 x 21.6 x 10.6 cm (12 x 8.5 x 4.3 in)	22.6 x 17.78 x 15 cm (9 x 7 x 6 in)	22.6 x 17.78 x 15 cm (9 x 7 x 6 in)	22.6 x 17.78 x 9.32 cm (9 x 7 x 3.67 in)	
PUMP HEAD DIMENSIONS (H x W x D)	-	-	-	-	20.3 x 5.1 x 5.1 cm (8 x 2 x 2 in)	-	-	6.35 x 5.08 x 19.05 cm (2.5 x 2.0 x 7.5 in)	
WEIGHT	2.1 kg (4.61 lbs)	4.5 kg (10 lbs)	4.5 kg (10 lbs)	4.5 kg (10 lbs)	4.5 kg (10 lbs)	2.1 kg (4.6 lbs)	2.1 kg (4.61 lbs)	1.96 kg (4.32 lbs)	