

	TFD01-01	TFD02-01	TFD03-01
Work Mode	infuse, withdraw, infuse/withdraw, withdraw/infuse, continuous mode		
Number of Channel	1		
Stroke of Pump	70mm	110mm	70mm
Advance per microstep	0.198um/ustep	0.156um/ustep	0.1905um/ustep
Linear speed	1-150um/min		
linear resolution	0.635um/min	1um/min	0.6096um/min
Linear travel accuracy	<±0.35%		
Max rated linear force	>4kgf	>10kgf	>1kgf
Thrust regulation	1-100% arbitrary adjustable		
Syringe size	5ul-100ul	10ul-60ml	0.5ul-100ul
Syringe selection	built-in main manufacturers, the main model syringe to choose, can use custom syringe, direct input syringe size and diameter		
Flow rate	0.058nl/min-1.587ml/min	0.184nl/min-83.318ml/min	0.005nl/min-152.456ul/min
Flow calibration	through the calibration procedure to obtain more accurate fluid volume		
Display mode	4.3" color LCD screen display and transfusion volume, residual fluid volume, flow,operation direction,syringe specification,etc. Animation display operation status		
Operation mode	touch screen + Common function keys		
Power-off memory	storing the running parameters automatically		
Function	pause and stop, the sound tip, the lock parameters, fast forward and retreat quickly, display brightness adjustment		
State signal output	1 road start-stop status, 1 road direction status		
Control signal input	1 road falling edge triggers start and 1 road the falling edge stop		
Communication interface	RS485, MODBUS Protocol		
Controller dimension mm	245x205x115	245x205x95	245x205x105
Execution unit dimension mm	190x32x65	266x86x76	173x24x52
Weight (controller + execution unit)	2+0.5kg	2+1.8kg	2+0.25kg
Power supply	AC100-240V, 50/60Hz		
Temperature	5 - 40°C		
Relative humidity	<80%		