

Dxi-80 - 8 Single Syringe Diluter

Technical Specifications

Dimensions		
Height	28.0 cm	
Width	19.5 cm	
Depth	17.0 cm	
Weight	6.5 Kg	
Power Requirements		
	Supply Voltage	Wattage
Input Voltage	110- 240V AC	
Peak	24 VDC <u>±</u> 10%	40W
Resolution		
3,000/24,000 steps		
Plunger Drive		
Stepper motor driven lead screw with optical feedback		
Travel	60 mm	
Plunger Speeds		
0.8 Second-10min/stroke for standard resolution pump		
1.5 Seconds-20 min/stroke for high resolution pump		
(Speed ranges vary depending on the syringe size and tubing.)		
(10 - 1000 1 Sec ⁻¹ in IDIS EE)		
Syringes		
No. of Syringes	8	
Sizes	50 1 – 2.5ml	
Material	Barrel:	Borosilicate Glass
	Plunger:	Stainless Steel
	Seal:	Virgin Teflon
Repeatability		
0.05% CV within run at full stroke		

Inaccuracy	
<1% at full stroke	
Valve/Valve Drive	
Drive	8 Simultaneously operated Solenoid
Positions	Input, Output
Turn time	100 ms
Materials	Teflon, KEL-F, PEEK
Standard fitting	¼ - 28" tubing fitting, luer fitting for syringe
Interface	
Type	RS-232 or RS-485
Baud Rate	9600 or 38,400
Format	Data Bits: 8
	Parity: None
	Stop bit: 1
Fluid Contact	
Glass, Kel-F, Teflon, PEEK	

