

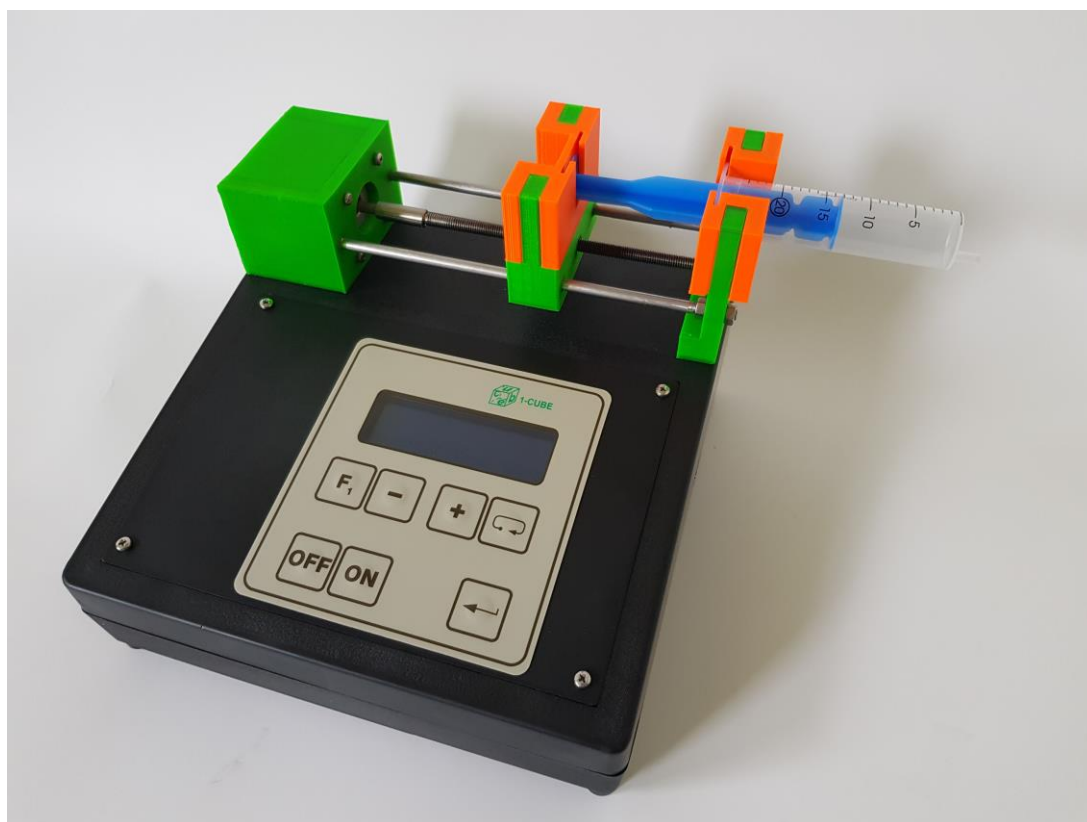


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Syringe Pump

Features:

- Holds one syringe from 1 μ l to 50 ml
- Flow rate from 0.002 μ l/min to 65 ml/min
- LCD display with membrane keypad
- Easy syringe pump replacement
- Advanced microstepping techniques
- Built in RS232/USB interface
- 4 different working modes: Infusion, withdrawal, infusion/withdrawal, withdrawal/infusion, continuous
- Peristaltic pump function
- Operation even without electric current from the battery
- Very precise, reproducible flow rate control
- Program pump via keypad or from a computer
- Highly controllable – program sequences without a computer



The 1-CUBE syringe pump is a programmable single channel infusion / withdrawal syringe pump. It has a plastic casing to provide stability, ensuring less vibration is transferred to the syringes. Setup is easy using the instruments keypad or via a computer with optional RS232/USB cable.

The "Profile" method allows the user to program up to 7 pumping phases defined by times and dosing volumes. It can be set flow rates, set dispensing volumes, insert pauses, sound the buzzer.

The 1-CUBE syringe pump can even function as a peristaltic pump with two optional check valves.

Specification:

Syringes (Min/Max): 1 µl to 50ml

Flow rate: from 0.002 µl/min to 65 ml/min

Linear Force (Max): 15 kg

Accuracy: ±0.5%

Connectors: RS232/USB

Power: 100-240 VAC: 50/60 Hz, 50 W, 1 A fuse

Dimensions: 23x23x13 cm

Weight: 2,5 kg

Operating Temperature: 4 degree C to 40 degree C

Humidity: 20% to 80% RH non condensing

Example flow rates:

Syringe Size	Maximum Rate	Minimum Rate
1 µl	10 µl/min	0.002 µl/min
1 ml	15 ml/min	0.002 ml/min
2 ml	30 ml/min	0,004 ml/min
5 ml	40 ml/min	0,005 ml/min
10 ml	65 ml/min	0,01 ml/min
20 ml	65 ml/min	0,02 ml/min
50 ml	65 ml/min	0,05 ml/min

Note: When ordering, specify the type and size of the syringe.

Easy syringe pump replacement:

