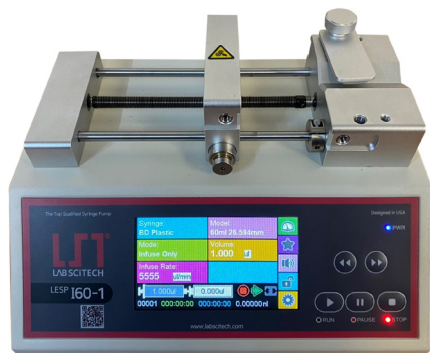
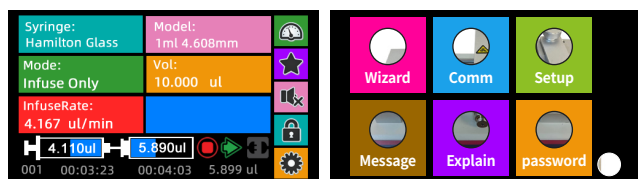




Display operation



Work mode	Infuse
Channel	1
Display	4.3-inch color LCD 480x272 resolution
Syringe size	10μL - 60mL
Flow range	0.184nL/min(10μL)~83.318mL/min(60mL)
Control accuracy	error<±0.35% (Stroke> 30% of maximum stroke)
Max linear force	>16kg
Pre-store	3 groups
Pause time	0.01sec - 999hours
Linear speed	1μm/min-150mm/min
Speed resolution	1μm/min
Operation	Touch screen+ button
Working condition	5 ~ 40 °C, RH <80%
Dimensions	245×195×133mm
Power supply	AC 100 - 240V, 50Hz/60Hz, 20W
Weight	3.0kg



Infuse mode Syringe Pump I60-1

- I60-1 주사기 펌프는 1채널 주입 전용 시린지 펌프
- 메이커 별 내경 정보 저장 및 custom size 사용 가능
- 멀티 사이클 모드를 설정 가능하고 높은 정밀도 & 재현성이 우수
- 고해상도 컬러 터치스크린으로 사용법이 직관적
- Linear force 값 조절이 가능하며, 문제가 발생시 경보음 작동
- 부식방지 코팅된 금속 재질 외형으로 부식과 오염에 우수
- 자체 칼리브레이션이 가능하며 사용법이 매우 간단

Function and features

- It can be equipped with a 10μL-60mL syringe or gas tight syringe.
- Supports a variety of standard syringes and can customize the syringe specifications.
- Color touch screen LCD for easy and fast operation.
- Support screen lock and key mute operation.
- The key is equipped with indicator light; the working status is clear.
- Control accuracy err or < ± 0.35%.
- Supports multiple cycles, pre-stored three-component loading parameters.
- Syringe protection and traffic jam alarm.
- RS485 communication, support Modbus protocol.
- External signals control starts and stop and direction.
- Wide range power input.
- Metal coating process, the shell is corrosion resistant.

주사기 사이즈별 최대 / 최소 유량

Syringe size	ID	Mini flow rate	Unit	Max flow rate	Unit
10 μl	0.485 mm	184.00	pl/min	27.711	μl/min
50 μl	1.03 mm	833.00	pl/min	124.984	μl/min
100 μl	1.457 mm	1.667	nl/min	250.092	μl/min
1000 μl	4.608 mm	16.676	nl/min	2.501	ml/min
1 ml	4.699 mm	17.342	nl/min	2.601	ml/min
5 ml	11.989mm	112.890	nl/min	16.933	ml/min
10 ml	14.427mm	163.469	nl/min	24.520	ml/min
30 ml	21.59mm	366.090	nl/min	54.913	ml/min
60 ml	26.594 mm	555.459	nl/min	83.318	ml/min