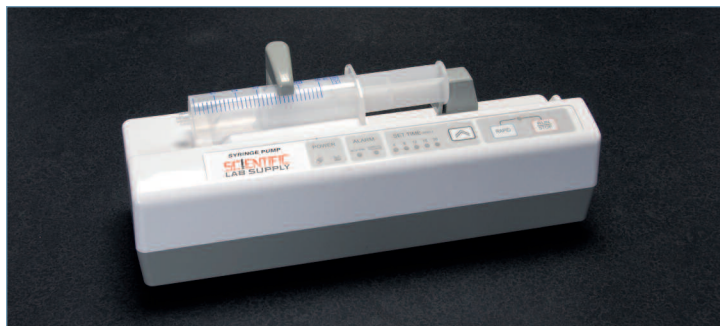
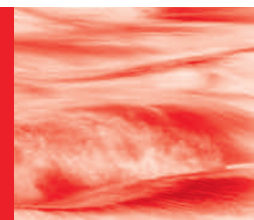


# SLS EconoFlow 82 Syringe Driver Pump



The new Scientific Lab Supply EconoFlow 82, is a line of economical pump for simple infusions and dosing applications. The pump are designed to combine high levels of performance together with ease of use and reliable operation. Scientific Lab Supply EconoFlow products offer a complete line of pumps to meet many different applications. Micro-infusion pumps, volumetric infusion pumps, syringe pumps, portable pumps and disposable pumps are available at affordable prices.

SLS EconoFlow 82 is a durable syringe pump useful in high rate infusions. It is designed to enhance quick efficient operation while maintaining simplicity.

The EconoFlow 82 system has an automated calculation of delivery based on 4, 8, 12, 16 and 20 Minutes, with an infusion accuracy of  $\pm 20$  seconds.

A wide range of plastic syringes can be used with the unit including 20/30 ml, 50/60 ml and 100 ml. Ergonomic, easy to use, horizontal design protects the syringe barrel and allows single-handed loading. Durable ergonomic waterproof touch control panel provides for efficient and reliable operations.

User selected calculations are easy, with simple increment arrow keys. A rapid delivery key will allow the user to eliminate the dead volume and also eliminate excess air in the tubing prior to delivery of the fluids. The SLS EconoFlow 82 offers a reliable alternative for fluid control, especially suitable for short-term, high speed, viscous fluid and precise injections.

There are 4 visual and audible alarms, occlusion detection, low battery, near end of dispense and complete.

SLS EconoFlow 82 has a rechargeable battery, which provides continuous operation of 15 syringes (50 ml) set at 12 minutes.

The Scientific Lab Supply offers a family of syringe pumps to meet all applications. The full line of SLS pumps include a simple syringe infuse only pump, a multi-syringe infuse and withdraw pump, push pull pumps, continuous pumps for uninterrupted fluid delivery, nonliter pumps, emulsifier, high pressure and custom OEM pumps.

Scientific Lab Supply is renowned for its unsurpassed quality. We continue to provide superior quality products to our customers all around the world.

## Features

- Waterproof ergonomic touch control panel
- Broad infusion capability
- Typical accuracy  $\pm 20$  seconds
- Set time indicator
- Set time button
- Low battery indicator
- Fast purge feature
- Occlusion detection
- Wide range of plastic syringes
- 20/30 ml, 50/60 ml and 100 ml
- Audible & visual alarms
- Complete, occlusion detection,
- Low battery & near empty
- Self test & self diagnostic
- AC power with rechargeable battery
- 12 month warranty

## Benefits

- Cost effective, durable syringe pump
- Simple set up and operation
- Convenient time settings
- Continuous infuse
- Simple syringe installation

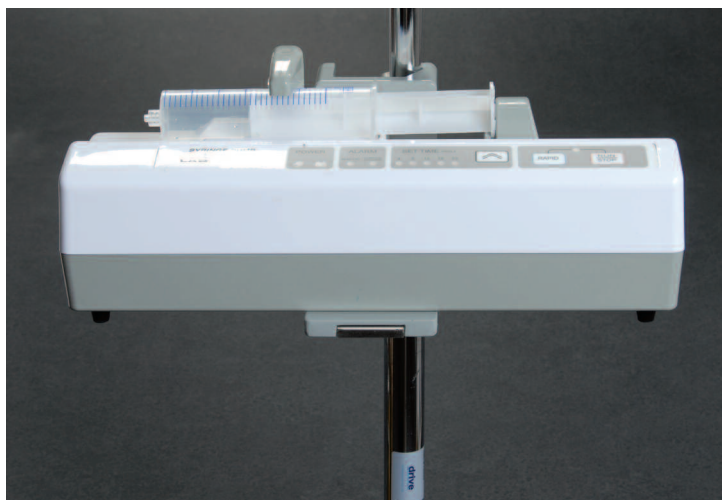
## Applications

- Drug dosing
- Nutrient delivery
- Chemical delivery
- Reactor delivery

## Markets

- Academic institutions
- Veterinary
- Pharmaceutical
- Biotech
- Government
- Research facilities

# SLS EconoFlow 82 Syringe Driver Pump



## Specifications

Applicable Syringes	20/30 ml, 50/60 ml, 100 ml disposable syringes
Time Settings	4 min, 8 min, 12 min, 16 min, 20 min
Infusion Accuracy	±20 sec
Flow Rate Range	Automatic calculation of the delivery rate based on and time pre-selection, 60 ml/hr to 1500 ml/hr
Alarms	Audible and Visual Alarms of "NEAR EMPTY", "COMPLETE", "OCCLUSION", "LOW BATT"
Battery Operation	Continuously operation of 15 pieces of 50 ml syringe at 12 minutes setting with built-in rechargeable Ni-MH battery
Ambient Temperature	5°C to 40°C (41°F to 104°F)
Power Supply	AC 110V or 220V; built-in rechargeable Ni-MH batteries for emergency
Weight	1.8 kg (3.96 lb)
Dimensions, H x W x D	120 x 366 x 115 mm (4.72 x 14.41 x 4.53 in)

## Ordering Information

Model	Product
EconoFlow 82	EconoFlow 82 Syringe Driver Pump, 220 VAC
	IV Pole Mount