

KDS EZFlow 2020/2021 Syringe Driver Pumps



Revision B All specifications subject to change at anytime.



The new KD Scientific EZFlow Pump Series, is a line of economical pumps for simple infusions and dosing applications. The pumps are designed to combine high levels of performance together with ease of use and reliable operation. KD Scientific EZFlow 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.

KDS EZFlow 2020/2021 is a durable syringe pump useful in high rate infusions. It is designed to enhance quick efficient operation while maintaining simplicity.

The EZFlow 2020/2021 system has an automated calculation of delivery based on 4, 8, 12, 16 and 20 Minutes, with an infusion accuracy of ± 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 KDS EZFlow 2020/2021 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.

There are two models available for different power requirements, 115 VAC (EZFlow 2020) or 220 VAC (EZFlow 2021). Both units have a rechargeable battery, which provides continuous operation of 15 syringes (50 ml) set at 12 minutes.

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

KD Scientific 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 ± 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

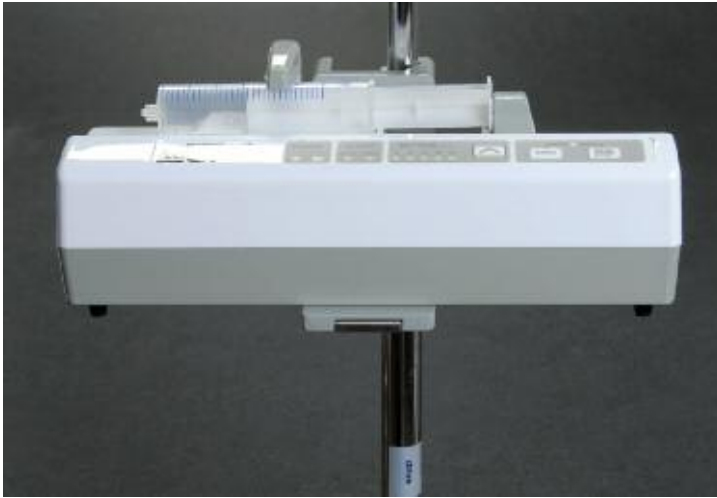
- Cost effective, durable syringe pump
- Simple set up and operation
- Convenient time settings
- Continuous infuse
- Simple syringe installation

Applications

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

Markets

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



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

Order #	Model	Product
78-0560	EZFlow 2020	EZFlow Syringe Driver Pump, 110 VAC
78-1560	EZFlow 2021	EZFlow Syringe Driver Pump, 220 VAC
78-0561		IV Pole Mount