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EZFlow Series

The new 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. 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.

2020/2021 Time Based Syringe Pumps

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

- Waterproof ergonomic touch control panel
- Broad infusion capability
- Typical accuracy ± 20 sec
- Set time indicator
- Set time button
- 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 alarms
- Self test & self diagnostic



2010/2011 Flow Rate Syringe Pump

EZFlow 2010/2011 with NEW Advanced Features has user selected flow rates that are easy-to-use, with simple increment and decrement 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 pump offers continuous mode of operation and reliable long-term fluid deliveries. The unit has occlusion detection from 5.0 kg to 5.5 kg.

- Large LED display for flow rate indication
- Wide flow rate range 0.1 – 500 ml/hr



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- Typical accuracy $\pm 2.0\%$
- Quick flow rate selection
- Fast purge feature
- Visual run indicator
- Toggle to indicate total volume dispensed
- Occlusion detection alarm indicator
- Wide range of plastic syringes
- 10 ml, 20/30 ml, 50/60 ml and 100 ml
- Easy calibration for different syringes
- Audible & visual alarms
- Complete, occlusion detection
- Low battery & near empty
- Includes IV pole mount
- CE certification

2040 Infusion Pump

EZFlow 2040 is a volumetric infusion pump designed to enhance quick efficient operation while maintaining simplicity. It meets the CE directive and is EC 93/42 EEC. It is designed to deliver precise infusions at rates from 0.1 to 1200 ml/hr. It features a bright 2.7 inch OLED with separate display which shows volume delivered, volume rate, time and date. There are 5 preset languages and many other advanced features that make the EZFlow 2040 one of the most outstanding infusion pumps in its class.

The EZFlow 2040 is portable, user friendly and offers a new alternative for micro reliable infusions. The ergonomic touch screen panel offers ease of selection and programming.

- Dual infusion modes
- Set at ml/hr or drops/min
- Flow rate range 0.1 ml to 1200 ml/hr
- Typical accuracy $\pm 2.0\%$
- Audible & visual alarms
- Programmable infusion mode
- Store up to 10 memory settings
- Battery capacity 3 hours
- IPX1 enclosure
- CE 0197 certified
- 12 month warranty• Includes IV pole mount
- CE certification



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2030 Portable Syringe Pump

EZFlow 2030 with NEW Advanced features is a small, light and completely portable syringe pump. It is designed to deliver small volumes with a linear flow rate of 1 - 99 mm per/hr with $\pm 2\%$ accuracy and can be used in a wide variety of applications. It is cost effective and the most compact and lightest pump in its class. This portable, user friendly syringe pump offers a new alternative for micro reliable infusions. It can use a wide variety of plastic syringes from 1 ml to 20 ml. Ergonomic, easy-to-use, horizontal design protects the syringe barrel and allows single-handed loading.



- Easy-to-use
- Linear flow rate 0.1 – 99 mm/hr
- Typical accuracy $\pm 2.0\%$
- Bolus feature 1/4 of syringe size
- Wide range of plastic syringes from 1 - 20 ml
- Audible & visual alarms
- Complete occlusion detection
- Low battery alarm
- Battery operation 30 days
- DC power supply 4.5V
- IPX1 enclosure
- 12 month warranty
- CE certification

2050 Disposasble Infusion Pump

EZFlow 2050 disposable infusion pump is simple, convenient, and affordable. It is designed to electronically deliver continuous, constant controlled infusions. Simply dial to set infusion rate in seconds, with flow rates ranging from 2 to 10 ml/hr. Choice of 100 ml or 260 ml sterilized reservoir box. The pump can be used multiple times, the reservoir needs to be disposed of after each use. The EZFlow 2050 disposable infusion pump is portable and user friendly. It offers a new alternative for micro reliable infusions. It comes complete with a convenient carrying belt. The EZFlow 2050 uses 2 AA batteries, up to 400 hours at 1 ml/hr. The pump is completely portable weighing less than 100 g (less than 0.5 lbs).



- Ergonomic touch buttons
- Simple operation
- Flow rate options 1 to 10 ml/hr



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- Typical Accuracy $\pm 10\%$
- Audible & visual alarms
- Disposable pump and reservoir
- Convenient carrying belt
- CE 0197 certified
- 12 month warranty
- Weight 100 g (without battery)

Specifications

Model	EZFLOW2010	EZFLOX2011	EZFLOW2020	EZFLOW2021	EZFLOW2030	EZFLOW2040	EZFLOW2050
Syringe size	10 ml, 20/30 ml, 50/60 ml, 100 ml	10 ml, 20/30 ml, 50/60 ml	20/30 ml, 50/60, 100 ml	20/30 ml, 50/60 ml, 100 ml	1 ml tot 20 ml	Infusion Pump	/
Syringe Type	Plastic Only	Plastic Only	Plastic Only	Plastic Only	Plastic Onlt	/	/
Reservoir Size	N/A	N/A	N/A	N/A	N/A	N/A	100 or 260 ml
Accuracy	+/- 2%	+/- 2%	+/- 20 sec	+/- 20 sec	<+/- 2%	<+/- 2% pump only	+/- 10%
Linear Rate	/	/	/	/	0,1 mm/h tot 99 mm/h	/	/
5 ml Syringe	/	/	/	/	/	/	Flow rate option Purge 1,2,3,4,6,8,10,ml/hr
20/30 ml Syringe	0,1 ml/h to 500 ml/h	0,1 ml/h to 500 ml/h	/	/	/	/	/
50/60 ml Syringe	0,1 ml/h to 1200 ml/h	0,1 ml/h to 1200 ml/h	/	/	/	/	/
100 ml Syringe	0,1 ml/h to 1500 ml/h	0,1 ml/h to 1500 ml/h	/	/	/	/	/
Flow rate increment	0,1 ml/h increment	0,3 ml/h increment	/	/	/	/	/
Time Settings	/	/	4,8,12,16,20 min	/	/	/	/
Alarms	/	/	/	/	Yes	/	/
Near Empty	Yes	Yes	Yes	Yes	Yes	/	N
Complete	Yes	Yes	Yes	Yes	Yes	/	Yes
Occlusion	Yes	Yes	Yes	Yes	Yes	/	Yes
Low Battery	Yes	Yes	Yes	Yes	Yes	/	Yes
Power Supply	50/60 Hz; 12 VDC	100-240 VAC	110 VAC 60 Hz 12 VDC	220 VAC 50 Hz 12 VDC	4,5 VDC, 3AA Batteries	100 AC of 240 VAC or 12 VDC	2 AA Batteries
Enclosure	Drop Proof IPX1	Drop Proof IPX1	Drop Proof IPX1	Drop Proof IPX1	/	/	/
Battery Operation	4 Hours Continuously Operation at 50 ml/h	4 Hours Continuously Operation at 50 ml/h	/	/	/	/	/
Dimensions (mm)	120x335x142	120x335x142	120x336x115	/	60x166x30	240x105x172	140x95x35
Weight	2,5 kg	2,5 kg	1,8 kg	/	180 g without batteries	2,9 kg	100 gr without batteries
Certifications	/	/	/	/	/	/	/
CE0197	Yes	Yes	No	No	Yes	/	/



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EG Directive 93/42/EEG, Annex II, artikel 3	Yes	Yes	No	No	/	/	/
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