

DIGIPUMP MODELS LP5100 & LP5100 MICRO

General Purpose Volumetric Infusion Pumps

The DIGIPUMP models LP5100 and LP5100 Micro are general purpose volumetric infusion pumps that employ a linear peristaltic infusion system, which permits the pump to run with almost all kinds of IV sets. The pump has all the important alarms and features for use throughout the hospital and home care. It's a lightweight and compact device, that can run from the mains or from its internal, rechargeable battery. The pump can be mounted on an IV pole or stand on a plane surface for easy use.

ALARMS & INDICATORS

No flow	- Empty bottle or occlusion.
Sensor	- Obstructed sensor or sensor with problem.
Air in line	- Air bubble in the IV line with a volume bigger than 0.1 ml.
KVO	- "Keep Vein Open" rate when volume infused reaches volume to be infused.
Battery	- When battery has less than 15 minutes running time.
Start	- Pump is pumping.
Stop	- Pump is in standby.
Malfunction	- Indicates an electronic or mechanical problem.
Nurse call jack	- Optional.

TECHNICAL SPECIFICATIONS

LP5100

Flow range	- 1 to 999 ml/hr.
Resolution	- 1 ml/hr.
Accuracy	- ± 5%.
Volume to be infused	- 1 to 9,999 ml.
Total volume infused	- 1 to 9,999 ml.

LP5100 MICRO

Flow range	- 0.1 to 99.9 ml/hr.
Resolution	- 0.1 ml/hr.
Accuracy	- ± 5%.
Volume to be infused	- 1 to 999.9 ml.
Total volume infused	- 1 to 999.9 ml.

COMMON SPECIFICATIONS 5100 & 5100 MICRO:

KVO rate	- 5 ml/hr when rate > 5 ml/hr. Same rate when rate < 5 ml/hr.
Pumping mechanism	- Linear peristaltic.
Drop sensor	- Infrared drop sensor.
Power source	- 127 / 220 Vac @ 50 / 60 Hz.
Battery	- 4 hour internal battery operation when battery is fully charged.
Size	- 7.1 x 8.6 x 6.8 inches (181.5 x 220 x 172.5mm).
Weight	- 12.83 pounds (5.82Kg).

DIGIPUMP MODEL SR2000

General Purpose Volumetric Syringe Infusion Pump

The DIGIPUMP model SR2000 is a general purpose syringe infusion pump that can infuse from most disposable syringes of 5cc to 60cc without the use of correction factors. This makes the pump suitable for use throughout the hospital and home care. By use of a syringe type pumping mechanism, the accuracy is very high (1%) which makes the pump the best choice for micro infusions.

ALARMS & INDICATORS

Close to end	- When the syringe course is close to the end.
Occlusion	- When the peak pressure goes above 15 PSI or the syringe piston reaches the end of the course.
Start	- Pump is pumping.
Stop	- Pump is in standby.
Battery	- The battery has only 15 minutes running time.

TECHNICAL SPECIFICATIONS

Syringe driving mechanism

Flow range	- Stepper motor, lead screw.
Accuracy	- 0.1 to 99.9 ml/hr.
Resolution	- ± 1%.
Compatible syringes	- 0.1 ml/hr.
Purge	- Most disposable syringes from 5cc to 60cc.
Power source	- 90 ml/hr approx. with 60cc syringes.
Battery	- 127 / 220 Vac @ 50 / 60 Hz.
Dimensions	- 4 hours internal battery operation when battery is fully charged.
Weight	- 8.6 x 5.5 x 4.6 inches (220 x 140 x 118.4 mm).
	- 8.80 pounds (3.99Kg).

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 DIGICARE, Biomedical Technology, Inc.
 6879 Vista Pkwy. - North
 West Palm Beach, FL 33411
 U.S.A.

(407) 689-0408 • Fax (407) 689-0021