



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

JAN 14 2004

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Infusion Dynamics, Incorporated
Mr. Thomas Becze
Director, Consulting Services
Science Applications International Corporation
5340 Spectrum Drive, Suite N
Frederick, Maryland 21703

Re: K030739

Trade/Device Name: Infusion Dynamics (ID) Power Infuser® Model M100B-3A with
Blood Cartridge
Regulation Number: 880.5725
Regulation Name: Infusion Pump
Regulatory Class: II
Product Code: FRN
Dated: October 27, 2003
Received: October 29, 2003

Dear Mr. Becze:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (301) 594-4618. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely your,



Chiu Lin, Ph.D.

Director
Division of Anesthesiology, General Hospital,
Infection Control and Dental Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications For Use Statement

510(k) Number (if known): K030739

Device Name: ID Power Infuser® Model M100B-3A

Indications For Use:

The ID Power Infuser® Model M100B-3A is intended to support primary intravenous fluid resuscitation therapy to rapidly restore intravascular volume and blood pressure in patients with clinical shock, hypotension, and hypoperfusion states as a result of hemorrhagic blood loss, occult hemorrhage, neurogenic shock, and septic shock.

The device is intended for use by medical, paramedical, and EMT personnel in the field and in pre-hospital and hospital environments.

When used with the **Crystalloid/Colloid Cartridge (K992044)**, the ID Power Infuser® Model M100B-3A is intended to deliver crystalloid and colloid resuscitative fluids only. This cartridge is **not** intended to support the infusion of blood or blood products.

When used with the **Blood Cartridge**, the ID Power Infuser® Model M100B-3A is intended to deliver crystalloid and colloid resuscitative fluids, whole blood and packed red blood cells.

The ID Power Infuser® Model M100B-3A is **not** intended to support the delivery of any pharmaceutical or other medications.

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use
 (Per 21 CFR 801.109)

OR

Over-The-Counter Use

(Optional Format 1-2-96)


(Division Sign-Off)
Division of Anesthesiology, General Hospital,
Infection Control, Dental Devices

510(k) Number: K030739