K070513

HAMILTON MEDICAL

510(k) Summary

NOV 2 6 2007

SUBMITTER:	HAMILTON MEDICAL AG Via Crusch 8 7402 Bonaduz Switzerland
CONTACT PERSON:	Joerg Schneider Phone: +41 81 660 6479 Fax: +41 81 660 60 20 e-mail: jschneider@hamilton-medical.ch
PREPARATION DATE:	Aug 10, 2007
TRADE NAME:	HAMILTON-G5
COMMON NAME:	Continuous Ventilator
CLASSIFICATION NAME:	Ventilator, Continuous, Facility Use (21 CFR 868.5895, Product Code: CBK)
LEGALLY MARKETED DEVICES TO WHICH EQUIVALENCE IS BEING CLAIMED:	HAMILTON GALILEO Gold^{ASV} 510(k) Number: K061090
	MAQUET Servo-i 510(k) Number: K041223

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DEVICE DESCRIPTION

The HAMILTON-G5 is an electronically controlled pneumatic intensive care ventilator ventilation system. It uses oxygen and air to ventilate adult, pediatric and optionally infant patients. It is powered by ac with battery backup to protect against power failure or unstable power and to facilitate intrahospital transport.
The HAMILTON-G5's pneumatics deliver gas, and its electrical systems control pneumatics, monitor alarms, and distribute power.
The user interface consists of a LCD-display with touch screen, keys, and a press-and-turn knob.
The HAMILTON-G5 provides audible and visual patient- and ventilator-related alarms.

INTENDED USE

The HAMILTON-G5 ventilator is intended to provide positive pressure ventilatory support in intensive care units.
The ventilator is intended for intensive care ventilation of adult, pediatric and optionally infant patients.
The device is intended for use by properly trained personnel under the direct supervision of a licensed physician.
The HAMILTON-G5 ventilator is intended for use at the bedside and for transport within a hospital or hospital-type facility, provided compressed air is supplied. The device is not intended for transportation outside the hospital or for use in the home environment.
The device is not to be used in the presence of flammable anesthetic agents or other ignition sources. The ventilator is not to be used in an environment with magnetic resonance imaging (MRI) equipment.
In the USA, federal law restricts this device to sale by or on the order of a physician.

SUMMARY OF THE TECHNOLOGY AND PERFORMANCE SPECIFICATIONS COMPARISON WITH THE PREDICATED DEVICE

The indication statements for the HAMILTON-G5 ventilator are comparable to those for the predicate device.
Technological characteristics and performance specifications of the HAMILTON-G5 ventilator are equivalent to those of the predicate device HAMILTON GALILEO Gold^{ASV} (K061090).
HAMILTON MEDICAL has demonstrated the HAMILTON-G5 ventilator to be safe and effective. The HAMILTON-G5 is considered to be substantial equivalent to a currently marketed predicate device which has been previously cleared by FDA.

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PERFORMANCE TESTS

Performance tests were performed, and the test results indicated that the device performed as specified.

CONCLUSION

The HAMILTON-G5 conforms to the FDA recognized standards for safety and performance issues with lung ventilators. This assures that the performance of this device can be considered safe and effective with respect to the predicate devices.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

NOV 2 6 2007

Mr. Joerg Schneider
Quality Engineer, R&D
Hamilton Medical AG
Via Crusch 8
CH-7402 Bonaduz
SWITZERLAND

Re: K070513
Trade/Device Name: HAMILTON-G5
Regulation Number: 21 CFR 868.5895
Regulation Name: Continuous Ventilator
Regulatory Class: II
Product Code: CBK
Dated: November 9, 2007
Received: November 16, 2007

Dear Mr. Schneider:

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.

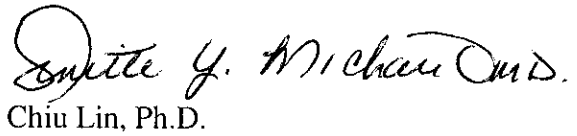
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish 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 (240) 276-0115. 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/industry/support/index.html.

Sincerely yours,



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: K070513

Device Name: HAMILTON-G5

Indication for Use: The HAMILTON-G5 ventilator is intended to provide positive pressure ventilatory support to adults, pediatrics, and optionally infants.
The device is intended for use in the hospital and institutional environment where healthcare professionals provide patient care, including use as a patient bedside for intra-facility transport, provided compressed gas is supplied.
The device is not intended for transportation outside the hospital or for use in the home environment.

Prescription Use ___X___ (Part 21 CFR 801 Subpart D) AND/OR Over-The-Counter Use _____ (21 CFR 801 Subpart C)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Will Maloy for M. Hurband

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

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