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510(k) Summary

Identification of the submitter:

Submitter:	Kodon (Tianjin) Electronic & Electrical Apparatus Co., LTD No 31, Changjiang Road, Nankai District Tianjin P.R. China, 300193
Telephone number:	86-22-60526082
Fax number:	86-22-60526162
Contact:	Liu Yi
Date of Application:	23/09/05

Identification of the product:

Device proprietary Name:	KD-322 Semi Automatic Electronic Blood Pressure Monitor
Common name:	Noninvasive blood pressure measurement systems
Classification name:	Noninvasive blood pressure measurement system Class II per 21 CFR 870.1130

Marketed Devices to which equivalence is claimed:

Device	manufacture	510(k) number
KD-622	Kodon (Tianjin) Electronic and Electrical Apparatus Co., Ltd.	K030358

Device description:

KD-322 Semi Automatic Electronic Blood Pressure Monitor is a Non-invasive blood pressure measurement system for only one person each time. Based on oscillometric and silicon integrate pressure sensor technology this device is used to monitor systolic, diastolic blood pressure and pulse rate which will be shown on a LCD with an electronic interface module. Swathing the air cuff around the left upper arm 1-2cm above elbow joint automatically inflated and released by an internal pump, the device can analyze the signals promptly and display the results.

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Intended use:

KD-322 Semi Automatic Electronic Blood Pressure Monitor is intended for use by medical professionals or at home to monitor and display diastolic, systolic blood pressure and pulse rate on anyone each time except infants and unconscious people, with the air cuff around the left upper arm according to the instruction in the user's guide manual.

Comparison of technological characteristics of new device to predicate devices:

KD-622 Automatic Electronic Blood Pressure Monitor developed from KD-322 Semi Automatic blood pressure monitor. KD-622 has added a bump to inflate automatically and we also add some operation programme on software. Therefore KD-622 memory automatic blood pressure monitor can inflate automatically and store 90 times memory. Comparing with KD-622 memory automatic blood pressure monitor, KD-322 has to be inflated manually and it has no memory function.

Clinical Tests:

Clinical tests were performed and complied the accuracy requirements of ANSI/AAMISP10-1992. The results meet or exceed the accuracy requirements of ANSI/AAMISP10-1992.

Non-clinical Tests:

All non-clinical tests coincide the following standards.

IEC601-1 (1988)

Medical electrical equipment----Part 1:General requirements for safety

IEC601-1 (1988)

Amendment 2

IEC60602-2-30: 1995

Medical electrical equipment-part2: Particular requirements for the safety of automatic cycling indirect blood pressure monitoring equipment.

IEC 9706.1-1995

ISO 1933-1977

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

FEB 17 2006

Kondon (Tianjin) Electronic & Electrical
Apparatus Co., LTD
c/o Mr. Liu Yi
No. 31, Changjiang Road, Tianjin
P.R. CHINA, 300193

Re: K052676
Trade Name: KD-322 Semi Automatic Electronic Blood Pressure Monitor
Regulation Number: 21 CFR 870.1130
Regulation Name: Non-Invasive Blood Pressure Measurement System
Regulatory Class: II
Product Code: DXN
Dated: Undated
Received: January 30, 2006

Dear Mr. Liu Yi:

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) 276-0120. 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,

B Zuckerman for

Bram D. Zuckerman, M.D.
Director
Division of Cardiovascular Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications for Use

510(k) Number (if known): K052676

Device Name: KD-322 Semi Automatic Electronic Blood Pressure Monitor

Indications For Use:

The KD-322 Semi Automatic Electronic Blood Pressure Monitor is for use by medical professionals or at home and is a non-invasive blood pressure measurement system intended to measure the diastolic and systolic blood pressures and pulse rate of an adult individual by using a non-invasive technique in which an inflatable cuff is wrapped around the upper arm. The cuff circumference is limited to 8.6614 inches to 13.78 inches.

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

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

B Summerman

Sign-Off)

of Cardiovascular Devices

(K) Number K052676