WEX MEDICAL CORPORATION

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Wex Medical Corporation is a company with branch offices in Hong Kong and China. After receiving United States patents, UL certification and successfully completing the process of the United States Food and Drug Administration's 510K application for the HD-3L cardiac analysis machine.

The HD-3L is a non-invasive, multi-domain, interpretive cardiac analysis instrument which provides synchronized data acquisition of cardiac activity. Multi-Domain refers to its ability to gather information for several analysis. The HD-3L unit functions in four modes; electrocardiogram (ECG), vectorcardiogram (VCG), late potential and frequency-domain correlative cardiogram (FCG) which can be operated simultaneously or individually. The system is operated by using a user friendly, one touch key pad. Synchronized acquisition of data and digital signal processing of ECG's, VCG's, FCG's and the late potential module are correlated and synthesized to provide the user with cardiac diagnostic information. The system enables the physician to view or print out a number of tables, graphs and a synthetic diagnosis based on the information gathered, all designed to assist in the diagnostic process. FCG is a patented technology developed by Wex. FCG is based mainly on biocybernetics and biomechanics theory. As an important supplement to traditional ECG, FCG is extremely sensitive for detecting Coronary Heart Disease (CHD) and other heart diseases, especially in the early stages. The HD-3L is unique in its ease of use and interpretation, made possible by the proprietary software developed for the unit. It is designed to be "user friendly" and not require extensively trained technicians to operate. The firm currently exports to China and prefers foreign agents and distributors as appropriate marketing channels.

PRODUCT/SERVICES

Cardiology Equipment
Heart Disease Detector