

Company History

Exergen Corporation has been in business for more than twenty-five years. The company is focused solely on non-invasive infrared temperature monitoring and control for both medical and industrial applications. And, being located in the Boston area, it has immediate access to the resources of premier medical institutions and universities. Over the years, Exergen has become the recognized worldwide leader in accurate and innovative infrared technology.

The Company's founder, Dr. Francesco Pompei, continues as its President and CEO, bringing his engineering and scientific degrees from both Massachusetts Institute of Technology and Harvard University, along with nearly three decades of experience in this field, to the challenge of providing the best in non-invasive thermometry. Exergen is a scientifically driven company, and its infrared products and technology are well protected by more than 100 patents. All products are developed and manufactured by Exergen in the United States, at its facilities in Watertown, MA just outside of Boston. Its manufacturing plant includes automated equipment for the production of more than 100,000 disposable medical probe covers per day, and automated test and calibration equipment with capacity of 4000 consumer infrared thermometers per day.

Firsts invented by Exergen.

Many of the "world's first" in infrared technology were invented by Exergen, such as the hand-held microscanner, bringing the benefits of infrared, heretofore very large, exotic apparatuses reserved mainly for military use, to widespread practical use around the world. Another being the IR/tc, a breakthrough product combining the non-invasiveness of infrared with the practicality and pricing of a simple thermocouple. The Ototemp was the first infrared true tympanic thermometer. Differentiated from common ear thermometers, it continues to be used by the military, in research, and in sports medicine, including the Olympic Games. Basic technology invented by Exergen is used in most of the ear thermometers sold in the world today.

Changing the way the world takes temperature.

Temporal Artery Thermometry is an entirely new method developed in response to the challenge presented by physicians to provide a thermometer that would be more accurate than ear, at least as accurate as rectal, non-invasive, and fast. TA thermometry has been proven in many premier university hospitals, and in thousands of office-based practices and clinics, to be as accurate as the most invasive methods historically used in medicine. In addition, with the recent introduction of a consumer model, Exergen becomes the only company meeting the stringent clinical requirements of medical professionals, and the affordability required by consumers.

Exergen keeps good company.

A few examples. Eurotunnel, bi-national managing company for the Channel Tunnel that links the UK and continental Europe, which in 2000 carried 2.8 million cars, 80,000 coaches, and 1.1 million trucks through the "Chunnel", recently awarded Exergen a multi-million dollar contract for infrared sensors protecting against the risk of catastrophic fires. Next time you see a **Stealth Bomber**, know that Exergen was selected to monitor the temperature of the special coating as it is applied and cures on this radar-baffling plane. **Heidelberg**, a world market leader in printing machine systems dating back to the time of Gutenberg, selected Exergen for onboard monitoring during the critical temperature stages.

Massachusetts General Hospital, consistently selected as one of the nation's three best hospitals, was a pioneer in early acceptance of temporal artery thermometry, keeping breakthrough technology in this premier medical institution as the norm. Many premier university hospitals have also selected or standardized on TA thermometry for their patients, including nearly all of the hospitals on the US News & World Report's Honor Roll for 10 Best Hospitals in the World including **Johns Hopkins Hospital, Mayo Clinic Health System, Massachusetts General Hospital, Cleveland Clinic, New York Presbyterian Health System, University of California at San Francisco Medical Center, and University of Washington Medical Center**. Currently, there are 27 peer-reviewed published studies from many of the premier hospitals supporting the accuracy of the temporal artery thermometers, with more on the way.

Next time you are in Bermuda, you can be assured of excellent treatment at the **King Edward VII Memorial Hospital**, or when you are in Europe at the **University of Vienna Hospital**. Both of these premier hospitals have standardized on Exergen TA thermometers. A sample of long time users of Exergen AHB ear thermometry include the **University of Chicago Hospital, Memorial Sloan Kettering Cancer Center, University of Iowa Hospital and Clinics, University of Kansas Hospital and Clinics, University of Washington Harborview Campus, and University Medical Center of Tucson**.

Most recently, the TemporalScanner for home use has been selected by **Wal-Mart**, the world's largest retailer, by **Walgreens**, the world's largest retail pharmacy chain with more than 6,000 pharmacies, **ToysRUs Stores, BabiesRUs, Sam's Club, and Costco**.

How We Manufacture



Unique among medical thermometer manufacturers, Exergen is the only company to produce its product in the USA. The key is inventiveness in design, and automation to reduce labor costs. The circuit board assembly is fabricated by outside vendors, using standard assembly techniques. At our facility, our automated manufacturing system programs the processor, calibrates and tests the system, and automatically validates the calibration with a state of the art vision system, before being approved for final assembly. Every thermometer is tested against five NIST traceable thermometers accurate to 0.01°C, and must pass every test. Overall throughput is up to one unit every five seconds.



Exergen's stringent calibration techniques subject each product to a wide range of target and ambient temperatures, right on the factory floor, and all under precise computer control. This advanced calibration system ensures the best accuracy available in the industry, meeting all relevant standards. For our own record keeping and unit traceability, every product is programmed with a unique serial number, and all calibration records are kept in a database. Our process is TUV and UL approved.