History of Advance Co., Ltd

In 1973

ADVANCE Development Laboratory, established by our founder, was incorporated and started as an enterprise under the name of ADVANCE Co., Ltd.

ADVANCE has been continuously offering innovative products to society and the world through leading-edge technologies and creativity, thus contributing to society and humanity.

In 1975

Invented the world's first battery-powered, a built-in microcomputer, ultra-compact cordless home-use low-frequency treatment device "Cyrax" made a big hit, selling more than 10 million units.

With the development of research in the fields of electronics, ME technologies, mechanics, and advanced materials, a Research Center was established (later renamed to Medical Techno Laboratory).

In 1975

Basic research will be started to clarify the significance of the existence of 100 trillion intestinal bacteria.

In 1978

The development of the household ionized water generator "Papire" has started, and it will be released as a desktop type product that can be used for health and beauty by dividing tap water into alkaline water and acidic water.

In 1978

Development of the coffee bean roasting device "Camblem", which is the first in Japan to be miniaturized and can easily roast coffee beans, has started, and then commercial use will be released.

In 1979

Development of self-adhesive type biological electrode "Lectrode" is started.

It can be used just by pasting it, has less noise, and is used as an electrocardiogram electrode. Furthermore, based on this technology, a "Printy Pad" for low-frequency treatment devices will be developed. Obtained patents in foreign countries including Japan

In 1979

Development of low-frequency treatment devices "Cyrax GL" and "Grants" with built-in computer is started. Depending on the program, it will be released as a low-frequency treatment device that can perform various massages such as rubbing and tapping.

In 1979

The treatment of skim milk powder was outsourced by the government, and as a result of trial and error, the yogurt making machine was invented and development was started. It will be released as a commercial / household yogurt making machine "floppy" that can automatically make delicious yogurt.

In 1980

Development of a cigarette filter "Hemin" that removes mutagenic substances contained in cigarette smoke has started, and will be released after that.

In 1981

World's first, development of an Ion-phorese that administers a drug through the skin by electric force is started. Obtained patents in Japan and other foreign countries

In 1981

Established the Medical Science Research Institute (later the Indigenous Bacterial Research Institute) with the aim of pursuing the significance of the existence of intestinal bacteria and contributing to humankind.

In 1982

Discovered the usefulness of Enterococcus faecalis and obtained patents not only in Japan but also in Europe. the United States and other overseas countries.

In 1982

Development of the electrophoresis device "Mupid" is started. Since it is a simple type and can easily perform migration experiments, it will be a product used in various research institutes in Japan and overseas.

In 1983

Developed "Apatite" as a biomaterial for the first time in the world

Drugs that utilize the skin affinity of hydroxyapatite and dialysate can be supplied and removed from the skin.

Development of "biological terminal" is started. An epoch-making product that solves the problem of infectious diseases in the peritoneum. Obtained patents in foreign countries including Japan

In 1983,

The development of a halter electrocardiograph that stores electrocardiogram information in an electronic memory using data compression technology was started. Obtained patents in foreign countries including Japan

In 1983

Started development of a household combined water purifier "Reflare" with an ion water generation function and a water purification function. By providing not only an ion water generation function but also a sterilizing water purification function, tap water can be used safely.

In 1983

Established Apatite Science Institute (later New Materials Science Institute) for biomaterial research.

In 1984

It was discovered that a type of Enterococcus faecalis has a lowering effect on cholesterol and blood triglyceride, and it was announced at the Japan Atherosclerosis Society.

In 1984

“Coccus”, a series of intestinal flora-based healthy foods, was introduced onto the market.

In 1985

In collaboration with Tokyo Medical & Dental University, it was confirmed that there is an ingredient that prevents the growth of dental caries, and it is featured in national newspapers as "enteric bacteria for dental caries prevention".

In 1986

With the research and development of drug delivery systems, the DDS R & D Center (later the Biocosmetics Research Institute) was established.

In 1986

Development of a cordless, ultra-compact, low-frequency treatment device "Leiden" that can be used by attaching the main body to the skin has started. It will be sold as an epoch-making low frequency treatment device that has never been seen before.

In 1986

Being the first in the world, developed an encryption system based on the KPS method that shares encryption keys. After that, the "CYFAX" incorporating this KPS encryption system was released.

In 1987

Development of fluid manipulation such as perforation, processing, measurement, and application of AC electric field by using microchannels for microparticles such as cells and DNA is started.

In 1987

An ultra-compact adhesive low-frequency treatment device that can be used by attaching it to the skin, which enables various electrical stimulations by incorporating a computer.

Development of "Aladdin" started. It is sold as an ultra-compact device that can perform low-frequency treatment simply by sticking it on the skin while having the function of realizing various stimulation modes.

In 1988

Started development of " Wizard", an electrical stimulator that uses interference waves for home use. It will be released as a treatment device that can form electrical stimulation deep inside the body.

In 1988

Started development of a simple blood sampler that collects blood by performing operations such as suction and puncture of the skin.

In 1989

Started development of blood flow meter "ALF" using semiconductor laser. It will be released as a device that can measure blood flow simply by applying a blood flow meter probe to the surface of the skin.

In 1989

The Chofugaoka Factory was established to produce intestinal flora-based healthy foods.

In 1992

Development of a pulse wave detection type electrical stimulator "Venus Pump" that performs electrical stimulation to the abdomen based on the pulse wave signal is started. It realizes electrical stimulation that does not burden the heart and is released as a beauty device.

In 1993

Established Next Generation ME System Development Office (later Creative Technology and Development Laboratory) (CTD Laboratory) to make new creative proposals in the field of dentistry.

In 1994 “

AQB Implant”, a dental implant system using recrystallized apatite (patented), started to be manufactured and distributed.

In 1994

“Eveflora”, a series of skin flora-based cosmetics, was introduced onto the market.

In 1995

The Tokorozawa Factory was built to manufacture dental materials.

In 1995

The development of "Pleasure Slim", a device that detects the diastole of the pulse wave and stimulates the legs with air pressure to promote blood circulation during the diastole period, has started. It will be released with the expectation of an effect.

In 1998

“Cadim 105”, a dental CAD/CAM system, was introduced onto the market.

In 2004

The Frontier Science Laboratory was established to research and develop leading-edge technologies in the field of biotechnology.

In 2006 “

“Blueberry Oligo”, (Foods for Specified Health Use) approved by the MHLW, was introduced onto the market.

In 2007

The Advanced Medical Device Institute was established to develop state-of-the-art products in the field of healthcare.

In 2008

Start sales of the hybrid ceramic dental material "Kaguya Smart Crown" made with CAD / CAM.

In 2009

To develop antibody medical technology, Advanced Antibody Engineering Laboratory was established.

In 2010

Started outsourcing contract production service using in-house developed technology RAntlS method.

In 2010

Moved the Chofugaoka factory to Fuchu and became the second Fuchu factory.

In 2010

Tokorozawa Plant acquired ISO 13485: 2003, which is the international quality control standard for manufacturing medical devices, and ISO 9001: 2008, which is the international quality control standard.

In 2010

Start sales of Dental Imaging Manager "Dima".

In 2015

Start sales of world first panoramic image informed consent "Panocom".

In 2017

Start business of Intestinal Flora AD101 Revolution.