

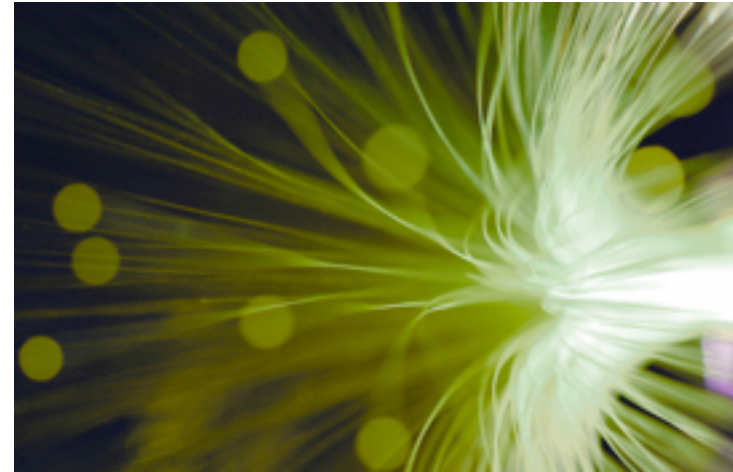
Advances in magnetic research

Imagine products that employ magnetism in an entirely new way. Products that generate a powerful magnetic field and unique massaging action, which not only relax you but also, can restore a feeling of energy within minutes to your tired body.

This is Magnetic Biaxial Rotation.

WHY MAGNETS?

Magnetic technology is an ancient principle and significant component of Far Eastern cultures.



California Institute of Technology confirmed what the ancient Indians, Chinese, Egyptians and Greeks always knew when they discovered magnetic receptors in the human brain. They proved that human beings are strongly influenced by the Earth's magnetic field, and can restore proper balance to the body using magnets.

Part of the natural environment for all living things, magnets are already used in industry and diagnostic medicine. Over the centuries, modern civilisation has altered our surroundings – man-made structures have blocked or disrupted the planet's magnetic energy, and today we are isolated from this natural phenomenon.

Over three decades ago, Nikken introduced a series of products based on advanced magnetic technology, which can adjust your environment to make it more like that in which human beings have lived throughout time.

MASSAGE FOR RELAXATION AND ENERGY

The health benefits of massage are well recognised. It increases circulation, which helps the body channel nutrients and waste more effectively. Massage stimulates the nerve endings and imparts a pleasant sensation, and it can also create a revitalising effect. After a few minutes of massage you can begin to feel less tired and more alert, while at the same time, also more relaxed.

WHAT IS UNIQUE ABOUT MAGNETIC BIAXIAL ROTATION?

Nikken scientists achieved a technological breakthrough when they re-thought the laws of the universe – a magnet has a positive and negative pole, one at each end. But Nikken scientists wondered what if a magnet could be made to act as if it had multiple poles – in every direction?

Unbelievable as it seems, that is the operating principle behind Magnetic Biaxial Rotation! It uses a revolving magnet that also rotates on a second axis. This means that the magnetic field constantly changes its angle, as often as twenty five times per second, to create a three-dimensional movement of the field.

No other device can achieve this effect.

“Magnetic Biaxial Rotation is the next level – a dimension that has never been seen and is not available from anyone but Nikken.”

Dave Balzer, Technical Consultant, Nikken US

“Magnetic Biaxial Rotation produces a three-dimensional magnetic field that is absolutely unique. The proof is in experiencing it. We do not know what the limitations are.”

Anthony Bove, Scientist

HOW IT WORKS

Magnetic Biaxial Rotation constantly shifts the magnetic poles in all directions to produce a field that is dynamic rather than stationary.

The magnetic field is active in three dimensions because the technology operates in four – the continuous motion adds a fourth dimension, time. This allows the angle of polarity to change at high speed.

The body of knowledge is constantly expanding in the study of magnets and medicine, and Nikken continues to champion the latest developments. A leader in this field is the Bioelectromagnetics Society (BEMS). As a sponsor of BEMS, Nikken takes an active interest in the work of this organisation.

The Annual Meeting this year was attended by Nikken President Bob Richards and Chief Operating Officer / Chief Financial Officer Kurt Fulle. The event took place in June 2008 in San Diego, USA. Helmed by President Ben Greenbaum, the Bioelectromagnetics Society is an independent organisation dedicated to the study and application of magnetic technology in medicine.

The Bioelectromagnetics Society is an international group with members from approximately thirty five different nations. Guests at this key event included biological and physical scientists, physicians and engineers.

The BEMS Annual Meeting, as always emphasized that the relationship between magnetic energy and physiology is a field in which there is still much to learn. As the leader in wellness, Nikken will continue to monitor these studies closely.