



wave
guard



Product catalogue

Your certified protection against electrosmog

Preface

Are you aware of the radiation exposure levels in your environment? Every year, new technology is brought to the market to speed up and improve connection. Defined radiation protection limit values, set by the World Health Organization (WHO) and the International Commission for Protection against Non-Ionizing Radiation (ICNIRP) are intended to protect us from unwanted health consequences. At the same time, more EMF sources are getting into homes and the workplace, exposing us to higher electrosmog concentrations that increasingly exceed the already set safety limits.



Scientific studies show that electromagnetic radiation is harmful to our health. Do you also suffer from chronic headaches, sleep disorders, lack of energy, fatigue or poor concentration levels? These can be the consequences of radiation exposure to communication technology that surrounds us at all times.

At Waveguard, we develop exclusive products that create an environment in which electromagnetic radiation is reduced in terms of its effect on people, animals and plants. We are convinced that electrosensitive people should enjoy a normal life with fewer headaches, more resilience to stress, more energy in everyday life, more restful sleep, and faster regeneration. This is possible through the use of our own unique certified Qi technology. In addition to products used as stationary devices, we also offer mobile solutions and EMF protective clothing for personal radiation protection.

Why is electromagnetic radiation harmful?

Natural vs. unnatural electromagnetic fields (EMF)

Before the digital age, all life on Earth was only exposed to the natural electromagnetic environment: from the Earth's magnetic field and natural sources to solar and cosmic radiation. Over millennia, life adapted to these natural sources of EMFs.

In comparison, today we live in a very unnatural EMF environment. These human-generated EMFs such as WiFi, Bluetooth and cellular are:

- often much stronger than natural EMFs;
- contain unnatural frequencies;
- differ from natural EMFs in terms of their shape.

Oxidative stress as a result of unnatural EMF exposure

In addition to the thermal effects¹ (warming of tissues) officially confirmed by the World Health Organization (WHO), these unnatural EMF sources are known to cause athermal biological effects². These were found to arise from the excess of free radicals³ - particularly reactive oxygen compounds that lack an electron.



Free radicals fulfill key functions in our body, including killing cells growing in an uncontrolled manner or destroying pathogens⁴. However, they can also burden the organism by causing oxidative stress⁴. This is a state of metabolism in which the concentration of free radicals is higher than necessary, and at the same time, a counterbalance in the form of antioxidants is missing or is not strong enough.

Various studies have shown a connection between the increased occurrence of free radicals, oxidative stress and cancer⁵, and the ways this can damage the genetic makeup is now understood⁶. The American biologist, Denham Harman, discovered this phenomenon back in the 1950s, with free radicals being responsible for the aging of skin and organs⁷.

Other causes of oxidative stress

Other contributors to oxidative stress, caused by the excess of free radicals, include pollution, behaviour or environmental influences:

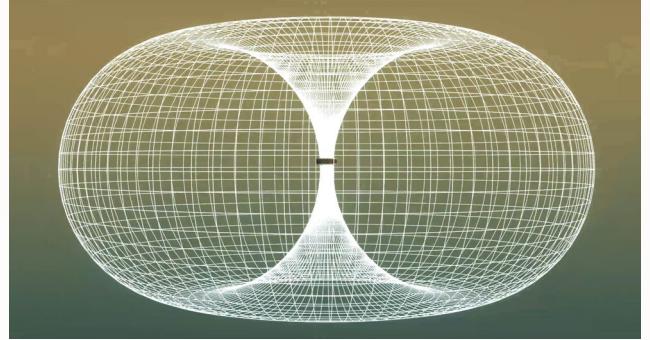
- Air pollution and environmental toxins such as pesticides, dioxins, methane, ozone, solvents, heavy metals;⁸
- Smoking, substance abuse and alcoholism;⁹
- Medicines such as antibiotics, cytostatics or hormone preparations;¹⁰
- Stress¹¹ and unbalanced diet;¹²
- Allergies, inflammations, infections, injuries or surgery;¹³
- Significant physical (including sporting) stress¹⁵ or lack of exercise¹⁴.



Our Technology

Why Qi technology?

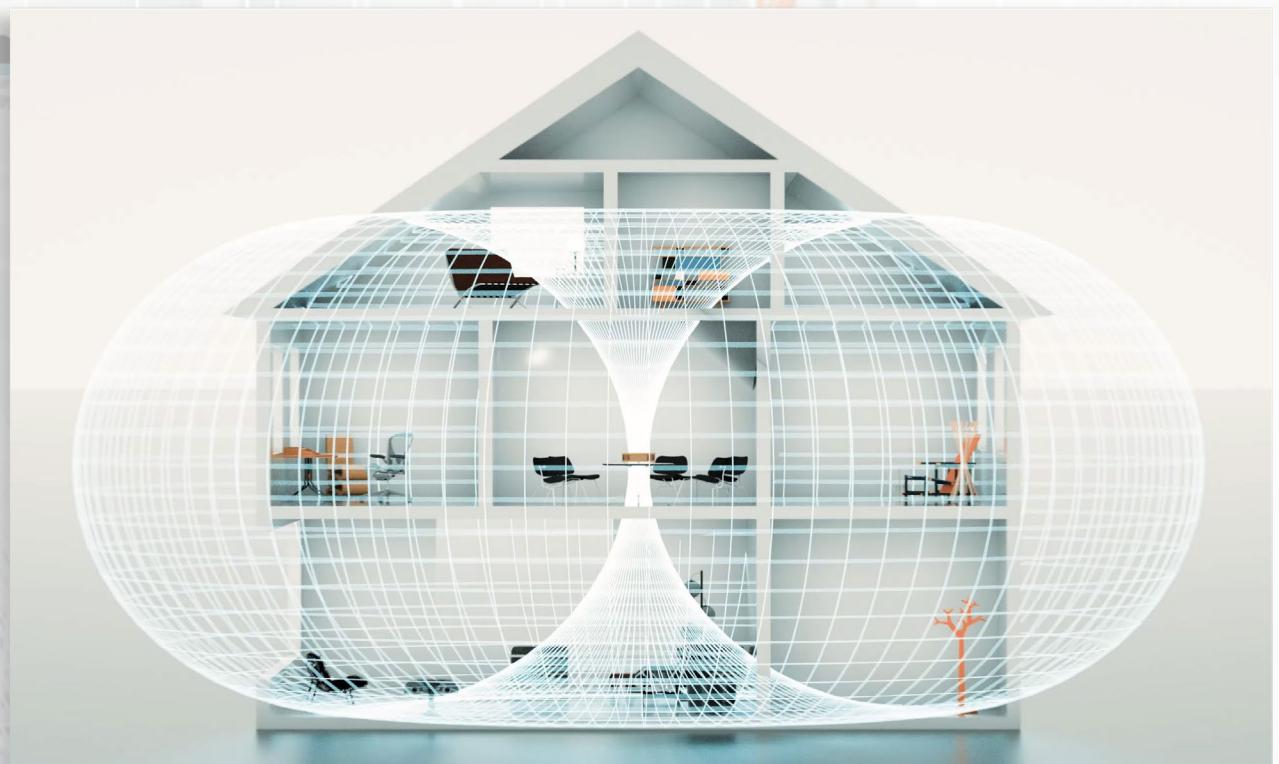
Unnatural exposure and the resulting oxidative stress can be reduced by EMF shielding. Although shielding, such as metal-coated wall paints and protective clothing, can help, it is usually costly. It can also block natural EMFs, which our body has adapted to. Waveguard offers a different solution: Qi technology.



How does Qi technology work?

The effectiveness of each of our Qi devices is based on the technology we have developed in-house. Compared to traditional shielding methods, Qi Technology was crafted in a completely different way, using ways of traditional craftsmanship and out-of-the-box thinking. This took years of product development, prototype testing and a perfect blend of applied engineering, mathematics and guided intuition.

As a result, Qi technology is designed to interact with subtle electromagnetic fields through the use of its internal geometry. The Qi devices contain conductive fluids (Qi liquid) organised in a particular geometric arrangement. Through it the Qi devices (except for the Qi Mobile) generate a torus field from electrons. This is an energy field that follows a certain pattern (see illustration). We believe that this is how Qi technology neutralises the excess of free radicals in our cells by replenishing the missing electrons. The stability and optimal functioning of the toroidal field requires an even, continuous flow of electrons.



The Qi-Home Cell is positioned in the middle of the house. This will reduce the health effects of electromagnetic radiation.

Positive biological effects of Qi technology:

- it has an antioxidant effect, reduces body stress reactions (oxidative stress)¹⁵;
- it improves regeneration and wound healing¹⁵;
- it increases vitality, wellbeing and relaxation¹⁵;

»I was in poor health for many years and became seriously ill. In my job as a professional musician, I often felt stressed and unfocused. It is thanks to Qi technology that I'm fine today. I feel more balanced, calmer and healthier. Being in a healthier environment as well as energising the water i drink and the food i eat have significantly increased my quality of life. My friends and acquaintances also confirmed the effect when they are near my Qi devices.«

Stefan R., Trier, Germany



The benefits of Qi technology

- Protection against radiation sources¹⁵;
- Several studies suggest effectiveness of our devices¹⁵;
- According to studies, electromagnetic radiation is less harmful¹⁵;
- Use of modern technology with more ease;
- Restful sleep thanks to essential oils in Qi devices made from pine wood¹⁶;
- German hand-made technology;
- Each year, several thousand customers trust Waveguard with their radiation protection;



Sources:

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2. <https://bioinitiative.org/wp-content/uploads/pdfs/BioInitiativeReport-RF-Color-Charts.pdf>
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Our studies

Committed to science

To investigate the effectiveness and the mechanism of action of our devices, we have completed numerous technical and biological studies. You can read an overview of the key studies below. A more comprehensive overview and certifications are available on our website. (www.waveguard.com/en)

Biological Studies

Dartsch Scientific, Institute for Cell Biological Test Systems

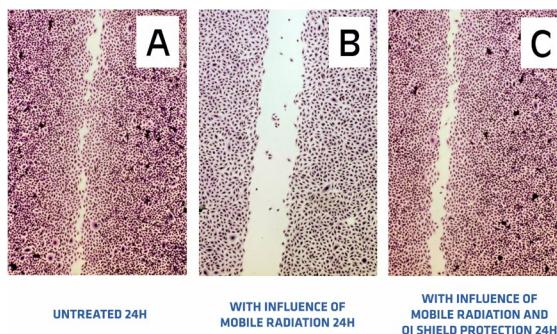
Qi-Shield & Wound Healing, December 2019

This study examined the effect of non-thermal radiation emitted by an active mobile phone on cell regeneration/wound healing in cultured cells. In addition, it also investigated if the Qi-Shield has a protective effect on cells exposed to mobile phone radiation.

The study results showed that cell regeneration and wound healing was strongly reduced by the radiation of an active mobile phone, and that the use of the Qi-Shield neutralised this effect by approximately 90%.



STUDY WOUNDHEALING & QI SHIELD



Qi-Home Cell & Water Quality, July 2019

Dartsch Scientific investigated whether water exposed to the Qi-Home Cell ("Qi water") has any potentially beneficial effect on cells compared to untreated tap water.

The results of the experiment showed that Qi water had an antioxidative effect against both exogenous (external) and endogenous (internal) free oxygen radicals, such as inflammatory processes in the body.

Bion Institute for Bioelectromagnetic and new Biology

Protective Influence of Qi-Shield on Human organism against Wireless Router Radiation, August 2019

This study examined what happens to humans in the presence of a Qi-Shield device, when exposed to a near wifi router. Electrophysiological parameters of 45 subjects were tested in total, divided into three groups (real Qi-Shield + wifi on, sham Qi-Shield + wifi on, and a control group).

The results of the study showed that the Qi-Shield promoted relaxation and had a protective influence on the body against the effects of wireless router radiation.

Protective Influence of Qi-Shield on germinating bean seeds (Phaseolus vulgaris) against wireless router radiation, September 2019

The effect of a Qi-Shield device was tested on germinating beans exposed to wi-fi radiation under controlled (heat, temperature) stress.

Results of the experiment showed a beneficial effect of the Qi-Shield, reducing the negative effects of Wi-Fi radiation.

IIREC, International Institute of Research on Magnetic Compatibility

Qi-Home Cell & Geopathic zones and water quality, June 2017

In this study researchers examined whether the Qi-Home Cell has an effect on geopathic zones and water quality.

The results of the study showed that the Qi-Home Cell balanced geopathic disturbances, magnetic field disruptions and had a favorable effect on water quality.

Technical Studies

FCC, Federal Communications Commission:

Qi devices & FCC certificates, 2019 & 2020

Qi-Me, Qi-Shield, Qi-Home Cell and Qi-Max have undergone FCC testing and are FCC certified.

The FCC mark is an internationally recognised certification that confirms that a product is safe and doesn't interfere with electromagnetic fields from other electronic devices. The safety limits for this certification are set by the Federal Communications Commission.



Our Products

Protection products against the effects of electromagnetic radiation

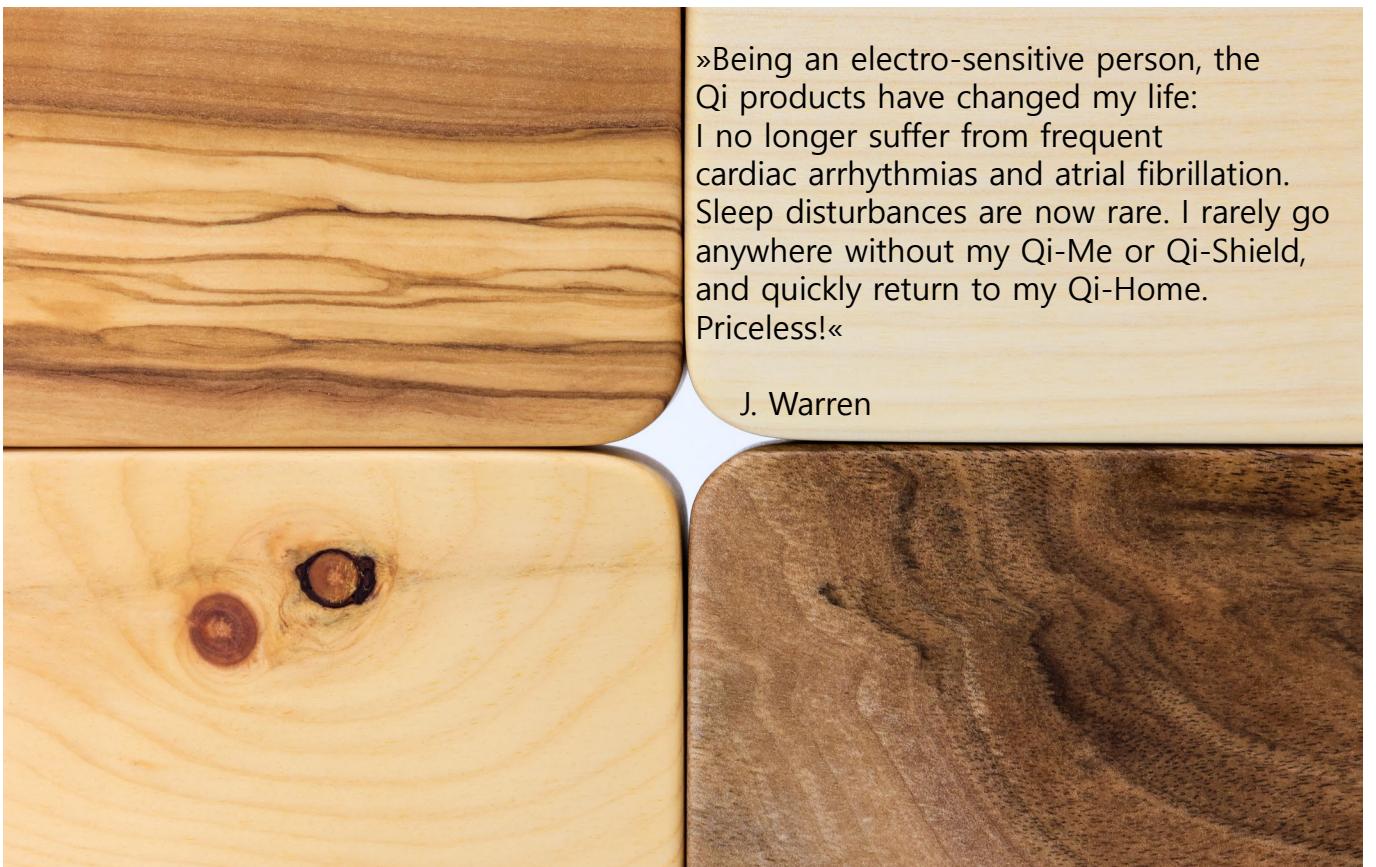
We believe that the Qi devices reduce the effects of electromagnetic fields on you and every living being present within the protective area of each device. This is supported by both the customer feedback we receive and the promising results of the biological studies that we have conducted to date.

Our Qi devices are not designed to block electromagnetic radiation or to reduce the output of a mobile phone or a wifi signal. Their purpose is to increase the body's resilience to electromagnetic fields, whilst still allowing the user to enjoy modern technology. Through the use of the Qi devices, our mission is your long-term wellbeing, where you feel optimally protected against electromagnetic radiation.



Manufacturing & Quality Control

First-class materials for our products are sourced from local businesses within the region and the country. The wooden housing is cut by a precision machine to the exact requirements. All the parts are then assembled by hand and further undergo quality control and testing. This helps us guarantee the highest quality and functionality.



»Being an electro-sensitive person, the Qi products have changed my life: I no longer suffer from frequent cardiac arrhythmias and atrial fibrillation. Sleep disturbances are now rare. I rarely go anywhere without my Qi-Me or Qi-Shield, and quickly return to my Qi-Home. Priceless!«

J. Warren

Mobile EMF Protection

Go mobile with confidence - your exclusive radiation protection on the go

Do you recognise this? You are on your way to work. Whether by train, bus or tram, everywhere you look, there are people talking on their mobile phones, chatting, shopping online, listening to music or browsing. All of this is only possible thanks to constantly evolving technology and faster internet connections. At home, we can protect ourselves from radiation-related influences by using tools such as shielding mats, protective wall paint or similar. But when out and about, the radiation exposure is often significantly higher due to many overlapping radio connections. To address this problem, Waveguard has developed the perfect solution: Our mobile radiation protection devices.

The Qi-Me - the handy companion

Our smallest Qi device fits in your pocket and can provide radiation protection wherever you are. Your advantage with this device is that it can be your constant companion, as it works reliably in any environment, whether in the car, office or even on a plane.

- Dimensions: 7 cm × 10 cm × 2.5 cm;
- Weight: approx. 350 g;
- Material: gold-alloyed stainless steel cover plate and olive, walnut, maple or stone pine wood;
- Effective radius: approx. 1 m;
- Safety distance to the technology: 25 cm;
- Structure of the complete protective field: approx. 1 min;
- Mobile use: yes;
- Frost-proof: no;
- Torus field: no;
- EMF protection: yes - high frequency;
- 5G-optimised: no.

»Every now and then I travel overseas for business, often left feeling unwell and jet-lagged. But at the end of April this year it was a very different experience. I had the Qi-Me in my pocket for the first time. I got off the plane in Hong Kong feeling relaxed. I also felt good on the return flight from Beijing thanks to the Qi-Me and my wife was clearly surprised how well I was able to get through the long journey home. It was a new experience for her.«

Alexander Druckenmüller



Qi-Shield - the revolutionary all-rounder

The Qi-Shield offers you both stationary and mobile protection from the effects of the current generation of telecommunications technology. Compared to our other products, the Qi-Shield stands between the Qi-Me as a mobile device and the high-performance Qi-Home Cell as a stationary product.

To clarify, three Qi-Shields provide you with radiation protection radius similar to that of Qi-Home Cell.

You can also use this product on the move.



- Dimensions: diameter: 8 cm; Height: 16 cm; Copper sleeve: 7 cm, 2 mm wall;
- Weight: approx. 825 g;
- Material: original copper sleeve / nickel-plated / gold-plated and oiled walnut wood;
- Effective radius: stationary: approx. 2.5 m mobile: approx. 1.5 m;
- Safety distance to the technology: 25 cm;
- Structure of the complete protective field: approx. 1 min;
- Mobile use: yes;
- Frost-proof: yes;
- Torus field: yes;
- EMF protection: yes - high frequency;
- 5G-optimised: yes.

»I really notice the positive effects of the Qi-Shield when I meditate. Before I had the Qi-Shield I always heard a static sound while meditating. But since I got the Qi-Shield, the static noise is no longer there and it feels like I'm hearing complete silence for the first time! I also noticed that I sleep better.«

Rachel G., England



Basic EMF Protection

Relax and regenerate at home - minimise the effects of electromagnetic radiation

Our society is developing more and more into a technology based, connected world. As many advantages as this brings, our health can be burdened by increasing sources of radiation of various kinds. At home we are surrounded not only by our own, but also the neighbouring wifi networks or radio towers.

We believe that your home should be the place where you feel safe and fully relaxed. Waveguard has developed a device that enables reduced radiation within your home, without the need for any renovation work.

Qi-Home Cell - the domestic protective sphere

A unique product specially developed for use in living areas. Give yourself and your loved ones a home with reduced radiation levels, whilst enjoying the comfort of modern technology in peace. Your body doesn't get affected by electromagnetic radiation, it stays resilient and its regeneration is not disturbed. Studies have shown that the Qi-Home Cell reduces the effects of radiation sources.

Do you have a large home? Then our Qi-Max might be the right product for you.

- Dimensions: diameter: 39 cm; Height: 12 cm;
- Weight: approx. 8 kg;
- Material: copper ring and oiled stone pine or dark glazed beech;
- Effective radius: max. 7.5 m;
- Safety distance to technology: 50 cm;
- Generation of the complete protective field: within 12 hours from placement in a stationary position;
- Mobile use: no;
- Frost-proof: yes;
- Torus field: yes;
- EMF protection: yes - high frequency;
- 5G-optimised: yes.

»I've always been electro-sensitive. Bad sleep has particularly affected my health. Since I've got the Qi-Home Cell, I've felt protected and strengthened. I can finally sleep well again! I also like the design. The copper ring makes the Qi-Home Cell particularly useful and also protects me from radiation. I am happy to recommend this great product.«

Mrs Steinmetz, Bad Wörishofen, Germany



Premium EMF Protection

Radiation protection for specific needs

In today's digital world, modern communication equipment has become indispensable. The number of devices available to us is constantly rising, resulting in higher numbers of radiation sources. As a result, more and more people complain of headaches, sleep and concentration problems. Do you want to protect the health of your family or your employees and reduce harmful radiation? We have an efficient, certified, low-maintenance solution: Experience a living and working environment full of energy. Qi Technology helps you improve performance, leaving you feeling more alert and motivated.

Qi-Max - the best colleague

The Qi-Max is an affordable, effective alternative to more extensive radiation protection measures. It is intended to reduce the effects of radiation sources, allowing you to still benefit from the use of the latest high-tech. This device was specifically designed for large living and working areas. Because of its wider radius coverage than the smaller Qi-Home Cell, it offers an optimal protection for you, your employees or family.

- Dimensions: Diameter: 60 cm; Height: 28 cm;
- Weight: approx. 20 kg;
- Material: copper ring and oiled stone pine or dark glazed beech;
- Effective radius: max. 50 m;
- Safety distance to technology: 50 cm;
- Generation of the complete protective field: within 12 hours from placement in a stationary position;
- Mobile use: no;
- Frost-proof: yes;
- Torus field: yes;
- EMF protection: yes - high frequency;
- 5G-optimized: yes.

»I bought a Qi-Max for my office, where there are several PCs and monitors in a very small space, and where there always used to be a tense atmosphere. Particularly during late afternoons I used to feel increasingly tired and unfocused. After a few days of using the Qi-Max, the atmosphere got noticeably more pleasant and my tiredness was completely gone. I feel a renewed sense of mental focus and alertness into the evening hours. My ability to identify problems, analyse them, and find solutions had become astonishingly faster and much more effective. Thank you for developing these very impressive devices!«

Boris T., Sevelen, Switzerland



EMF protection clothing

Special fabric reduces solar and EMF radiation

Stay protected from electrosmog everywhere you go. Headaches and concentration problems can often be the effects of EMFs. This is why EMF protection is particularly important on the go. When the levels of exposure are much higher due to numerous overlapping radio connections, mobile phones and wifi networks, and you don't have a Qi device with you, Waveguard has an additional solution to help you feel safer: Our radiation protection clothing.

Pro-Cap - the stylish guardian

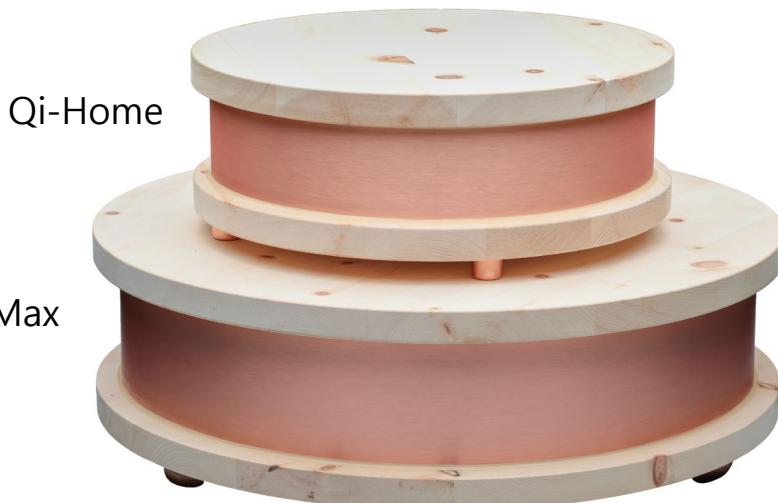
The Pro-Cap protects the particularly sensitive upper head area not only from harmful solar radiation, but also from electrosmog. This is possible thanks to the sewn-in knitted fabric made of silver fibers, contributing to reducing headaches caused by radiation.

- Size: one size;
- Material: cotton & ultra-thin knitted fabric made of silver fibers;
- Colours: white, gray and black with embroidered blue Waveguard logo;
- Protection: Solar and EMF protection available.



Qi devices: Comparison

	Qi-Me	Qi-Shield	Qi-Home Cell	Qi-Max
Effective radius	approx. 1 m	stationary: approx. 2,5 m mobile: approx. 1,5 m	max. approx. 7,5 m	max. approx. 50 m
Generation of the complete protective field	approx. 1 min	approx. 1 min	within 24 h	within 24 h
Safety distance to technology	25 cm	25 cm	50 cm	50 cm
EMF protection	yes high frequency	yes high frequency	yes high frequency	yes high frequency
5G optimised	no	yes	yes	yes
Mobile use	yes	yes	no	no
Torus field	no	yes	yes	yes
Sleep promotion	yes with stone pine	no	yes with stone pine	yes with stone pine
Frost-proof	no	yes	yes	yes
Material	gold-alloyed stainless steel cover plate and maple, olive, walnut or stone pine	copper sleeve and oiled walnut wood	copper ring and stone pine or dark glazed beech	Copper ring and stone pine or dark glazed beech
Weight	approx. 350 g	approx. 850 g	approx. 8 kg	approx 20 kg
Dimensions	7 cm x 10 cm x 2,5 cm	Diameter: 8 cm Height: 16 cm Copper sleeve: 7 cm, 2 mm wall	Diameter: 39 cm Height: 12 cm	Diameter: 60 cm Height: 28 cm





Impressum

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