

QUANOMED®
SLEEP SMART SYSTEM

100% NATURAL LATEX FOAM • CASHMERE • SILVER TECH • EXTRAQUANO



SLEEP – A PRIMARY LIFE ELEMENT

Good sleep is crucial for maintaining physical and mental health. Without healthy sleep, we feel tired, we don't feel well, we perform poorly and we are susceptible to disease.

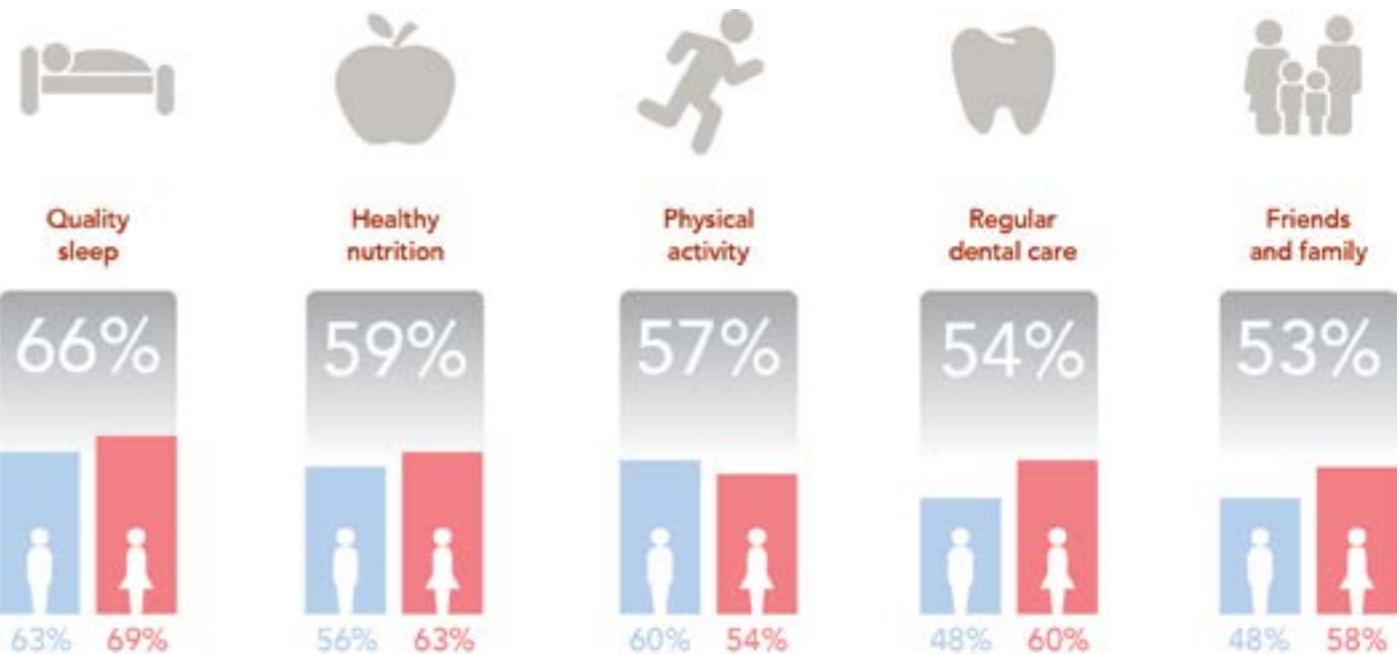
We do not necessarily sleep on a quality mattress that would enable us to have a good quality sleep which is necessary for preserving all physical and mental functions and which is as well indispensable for optimal cognitive performance.

HEALTHY SLEEP

ONE OF OUR 6 ELEMENTS OF HEALTHY LIFE

For the past 35 years, the Zepter concept of a healthy and long life has been built on the six essential elements: AIR, WATER, FOOD, LIGHT, SLEEP, and PHYSICAL ACTIVITY. This foundation has guided the Zepter mission of promoting health.

The extensive and comprehensive research available to the public confirms how difficult it is to nurture and maintain a healthy sleep habit that will enable us to fully recover overnight.



Source: The study which included 28,000 respondents from 23 countries who answered the question: What are you doing to stay healthy? © GFK 2015



WHY IS SLEEP IMPORTANT

Did you know that the quality of your sleep plays a crucial role in your overall well-being? Sleep isn't just downtime for your body and mind; it's a vital process that rejuvenates and re-energizes you. Consider these key reasons why quality sleep matters:

Physical Health: Adequate sleep is essential for the proper functioning of your body. It helps maintain a healthy immune system, supports muscle repair, and even aids in weight management.

Mental Well-being: Sleep is closely linked to your mental health. Quality sleep enhances mood, cognitive function, and concentration levels. It's your brain's way of processing information and consolidating memories, crucial for learning and problem-solving.

Emotional Balance: Ever noticed how a good night's sleep can improve your mood? Sleep deprivation, on the other hand, can lead to irritability, mood swings, and heightened stress levels. Prioritizing sleep can help you maintain emotional stability and resilience.



THE RISKS OF POOR SLEEP

Neglecting your sleep needs can have serious consequences for your health:

[Increased Risk of Chronic Conditions](#): Chronic sleep deprivation has been linked to a higher risk of conditions such as obesity, diabetes, heart disease, and hypertension.

[Impaired Cognitive Function](#): Lack of sleep can impair your ability to think clearly, make decisions, and focus on tasks. This can affect your performance at work or school and increase the risk of accidents.

[Mental Health Challenges](#): Sleep disturbances are often associated with mood disorders like depression and anxiety. Addressing sleep issues can be an important aspect of managing these conditions.

THE IMPORTANCE OF A GOOD MATTRESS

There have been numerous scientific studies examining the effects of mattresses on sleep quality. These studies often evaluate factors such as comfort, support, pressure relief, and spinal alignment, all of which can influence how well someone sleeps. Here are a few key findings from some of these studies:

Comfort and Sleep Quality: A study published in the Journal of Applied Ergonomics found that participants reported better sleep quality and reduced back discomfort when sleeping on a new mattress compared to their own older mattress. Comfort was a significant factor in improving sleep quality.

Pressure Relief: Research published in the Journal of Chiropractic Medicine found that medium-firm mattresses were more effective at reducing back pain and improving sleep quality compared to firm mattresses. This suggests that mattresses with some level of softness for pressure relief may be beneficial for sleep.



Spinal Alignment: A study in the Journal of Sleep Health investigated the effects of different mattress types on spinal alignment during sleep. The findings indicated that mattresses that promoted natural spinal alignment were associated with better sleep quality and reduced back pain.

Subjective Preferences: It's important to note that individual preferences play a significant role in mattress selection and sleep quality. A study in the Journal of Sleep Medicine Reviews concluded that there is no one-size-fits-all approach to mattress selection, and people may have different preferences based on factors such as body weight, sleeping position, and personal comfort preferences.

These studies collectively highlight the importance of selecting a mattress that is comfortable, provides adequate support, and promotes healthy spinal alignment for optimal sleep quality. However, individual preferences and factors such as body type and sleeping position should also be considered when choosing a mattress.



TIPS FOR BETTER SLEEP

Ready to prioritize your sleep and reap the benefits? Here are some tips to help you improve your sleep quality:

Stick to a Schedule: Aim for a consistent sleep schedule, going to bed and waking up at the same time every day, even on weekends.

Create a Relaxing Environment: Make your bedroom conducive to sleep by keeping it dark, quiet, and cool. Invest in a comfortable mattress and pillows for optimal comfort.

Limit Screen Time: The blue light emitted by screens can disrupt your sleep-wake cycle. Avoid electronic devices like smartphones, tablets, and computers at least an hour before bedtime.

Establish a Bedtime Routine: Wind down before bed with relaxing activities like reading, taking a warm bath, or practicing mindfulness techniques.

Watch Your Diet: Avoid heavy meals, caffeine, and alcohol close to bedtime, as they can interfere with your ability to fall asleep and stay asleep.



QUANOMED® SLEEP SMART SYSTEM

100% Natural Latex Foam

AntiBact
Sanitized®
AntiStat

EXTRAQUANO
Painkilling Biomolecular
Therapy Covers

TAF (Therapy Air® Flow)

QUANOMED® Sleep Smart System is designed
for anyone who does not make compromises
as far as perfect rest, whole body recovery and
ultimate luxury are concerned.

BRS (Body
Recuperation
Support)

MAXQUANO
Cashmere & Silver Tech
Premium Luxury Mattresses

QUANOMED®

The core of our
sleep smart system
with

100% NATURAL LATEX FOAM

BRS - BODY RECUPERATION SUPPORT

TAF - THERAPY AIR® FLOW

Supports the spine and body

Pressure relief

Maintains normal body temperature

Antiallergenic

Environmentally friendly

Biodegradable

Extremely durable

Absorbs motion energy

Improves circulation



QUANOMED® - 100% NATURAL LATEX FOAM

Durability: Nature Meets Innovation

A seamless fusion of natural excellence and cutting-edge innovation. Quanomed is not just a mattress, it creates an indomitable haven of enduring comfort through endless nights of blissful sleep.

Unmatched Elasticity: Redefining Comfort

The alchemy of supreme comfort starts with the infusion of 100% natural latex foam. Quanomed is a masterpiece of durability, elasticity, and flexibility, which molds to the unique contours of your body. Picture nights of uninterrupted bliss as your mattress maintains its form through the ebb and flow of time, delivering a sleep experience beyond compare.

Quality Signature: For Perfect Dreams

Each mattress is crafted to meet the highest standards, ensuring a sleep experience that transcends the ordinary. Revel in the confidence of knowing that your investment comes with a robust warranty, a testament to the enduring quality that defines our brand.

Discover a sleep experience that transcends the ordinary.



**QUANOMED®
THERAPY AIR® FLOW - TAF
PERFECT TERMOREGULATION**

Ideal air flow

Ideal body temperature

Ideal skin moisture



QUANOMED® THERAPY AIR® FLOW - TAF

ENABLES IDEAL AIR FLOW AND BODY TEMPERATURE

QUANOMED® provides ideal comfort, enables good air flow and maintains optimal climate and body temperature, resulting in a better sleep quality.

Comfortable feeling and ideal bed climate during sleep are achieved thanks to the state-of-the-art Therapy Air Flow (TAF) technology. Millions of miniature interconnected air bubbles create resilience and a natural air flow through natural latex.

Continuous ventilation inside the mattress and additional air flow as we move during sleep help to eliminate heat from the body during sleep.

Maintaining the ideal temperature and humidity of our body during sleep make us feel rested and in a better mood, it prevents sweating, dehydration, skin problems, infections and the onset or aggravation of the symptoms of rheumatic and other diseases. The ideal body temperature has a beneficial effect on the immune system and metabolism, speeding up regenerative processes in our body.

QUANOMED® is designed to relieve pain from the following medical conditions:

Headache or neck pain	Shoulder pain and muscle tension	Stiffness and back pain, displacement of vertebrae	Hip pain and joint inflammation	Knee pain and numbness	Pain in the muscles of the lower leg	Joint pain and leg swelling
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HEAD AND NECK	SHOULDERS	LOWER BACK	PELVIS AND HIPS	KNEES	LOWER LEGS	FEET
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QUANOMED® BODY RECOVERY SUPPORT (BRS) - 7 RECOVERY ZONES

An ideal system that provides anatomical support to all parts of the body, enabling optimal mass and load distribution during sleep for the excellent recuperation of your body.

Correct alignment of the back is very important for the spine to properly recuperate during the night. The zoning also facilitates pressure distribution, which promotes a good blood circulation and reduces pain. As a result, you will have a more relaxing and comfortable sleep and wake up refreshed and recovered.

QUANOMED®



MAXQUANO collection

Premium
Luxury Mattresses with
Cashmere & Silver Tech

EXTRAQUANO collection

Biomolecular
Therapy Covers with
AntiBact • AntiStat • Sanitized®



MAXQUANO

WHAT IS THE PREMIUM LUXURY MATTRESS OF THE MAXQUANO COLLECTION MADE OF?

Cashmere is one of the most valuable and noble fibres in the world appreciated for its characteristics of softness, warmth and ability to maintain a constant temperature. In addition, cashmere fibers have natural breathability, allowing air to circulate and moisture to evaporate, which helps regulate body temperature and prevent overheating. This breathability contributes to the comfort of cashmere garments in both warm and cool conditions. Also, cashmere is naturally hypoallergenic, making it a great choice for individuals with sensitive skin or allergies. The fine fibers are less likely to cause irritation or allergic reactions compared to coarser fibers like wool. Finally, while cashmere itself does not have inherent antistatic properties, the smooth texture of the fibers may help reduce static compared to other materials.

The silver fabric is obtained using yarns in which silver is spun together with other textile fibres. As numerous research studies have widely shown, it has the capacity to improve the quality of our sleep as it provides the utmost protection.

Silver Tech disperses the body's electrostatic charges, reduces unpleasant odours and it is totally natural and long lasting.

EXTRAQUANO

AN INGENIOUS SOLUTION FOR PAIN MANAGEMENT

Extraquano is a painkilling biomolecular therapy applied in all types of covers in this collection.

When we sleep, we emit a specific infrared energy. The special fibres of Extraquano covers absorb this natural human infrared radiation with minimal loss of energy and reflect it back into the body.

In that way, during sleep, the body is receiving a continuous infrared radiation, mimicking a treatment with the infrared light, which is successfully used for pain relief. IR radiation restricts the pain sensation during sleep, improving the sleep quality.

Extraquano covers provide therapeutic effects during sleep thanks to the ground breaking and scientifically approved **AntiBact**, **AntiStat** and **Sanitized®** technology within the fabric in the whole Extraquano collection.



AntiBact

NO BACTERIA AND ALLERGENS

The premium luxury covers of the ExtraQuano collection receive a specific antibacterial treatment, in addition to the standard one required by the EU regulation.

The antibacterial treatment inhibits the growth of bacteria and prevents the growth of mould and the formation of bad smells. Its effectiveness also extends to fungi and dust mites, which are vehicles for allergies and dermatitis.

This AntiBact treatment is based on a specific prebiotic molecule, absolutely safe for humans, which is listed among the "bio-static" antibacterial agents, which means less health risks and less effects on the environment.

Sleeping on a fabric treated with AntiBact is a factor of hygiene and consequently of well-being and comfort. AntiBact holds OEKO-TEX safety certificate making it completely safe for newborns, children and asthmatics.





AntiStat

GOODBYE STATIC ELECTRICITY

The accumulated static electricity in the body during wakefulness and sleep has a negative impact on physical and mental health. Electricity leads to an increase in cortisol level and causes disbalance, irritability, high blood pressure, increased blood sugar level, insomnia and circadian rhythm disorder.

Very thin carbon fibres integrated in Extraquano covers collect electrons from the surface of the body releasing them into the air, thus discharging the body of harmful static electricity.

By reducing the voltage and the amount of electricity, the body relaxes, cortisol level drops and becomes optimal and the quality of sleep vastly improves.

Moreover, QUANOMED® Extraquano covers:

- Reduce nervousness and irritability
- Improve attention, concentration and memory
- Regulate blood pressure and sugar level



Sanitized®

RENEWING BODY ENERGY FOR A PEACEFUL SLEEP

Extraquano covers are treated with the Sanitized® technology which keeps them fresh and free from unpleasant odors, ensuring a healthier and more enjoyable sleep environment.

The antimicrobial properties of Sanitized® reduce material damage and protect against the growth of mildew, extending the life of your mattress.

Sanitized® technology provides powerful and lasting protection, ensuring that your mattresses stay fresh, odor-free, and safe for long-term use.

KristalMed®: A Revolutionary Bio-Molecule

KristalMed® is a pioneering bio-molecule based functional textile that emits infrared radiation (IR) in response to body heat delivering a range of health benefits:

- Reduction of pain and inflammation.
- Boosted resilience against stress and fatigue.
- Improved cognitive abilities and concentration.
- Accelerated recovery times from minor injuries and traumas.
- Increased microcirculation to reduce water retention and bloating.
- Amplified effects of aesthetic and medical products.

Acting as a giant photonic mirror, KristalMed® emits infrared rays with the same wavelength as those it absorbs, thereby restoring and expediting the body's energy operation. Unlike other medical devices emitting infrared rays, KristalMed® can be calibrated to the specific individual, intensively working on their wavelength.

This innovative technology, has emerged after extensive scientific research and clinical trials conducted by prestigious institutions including CNR of Pisa (Istituto Nanoscienze), University of Florence - Italy, University of Graz - Austria, University of Witten - Germany.

Through advanced nanotechnology and a patented manufacturing method, the mix of selected minerals known as KristalMed® is meticulously reduced to infinitesimal particles that are then

integrated into fibers through micro-encapsulation, adding the wellbeing ingredient before the extrusion into a thread.

The fabrics infused with KristalMed® are an invitation to optimal well-being. By simply coming into contact with these textiles for as little as eight hours, you can optimize your state of well-being, ensuring you wake up refreshed and revitalized every morning.

Registered as medical device class 1



CERTIFIED QUALITY

QUANOMED® Sleep Smart System has official certificates for durability, elasticity, resistance to aging, safe use, resistance to mould and allergens.

QUANOMED® is certified as a hypoallergenic material, safe for baby skin.

QUANOMED® production facilities in Europe are environmentally friendly.



QUANOMED® SLEEP SMART SYSTEM

RELIEVES HEADACHE, BACK AND MUSCLE PAIN
INCREASES ENERGY LEVEL
HELPS TO KEEP THE IMMUNE SYSTEM HEALTHY
HELPS TO ALLEVIATE RHEUMATIC PAIN
HELPS TO ALLEVIATE ARTHRITIS SYMPTOMS
HELPS WITH POOR PERIPHERAL CIRCULATION
HELPS TO RELIEVE FOOT PAIN
STIMULATES CELL GROWTH
INCREASES THE LEVEL OF OXYGEN IN THE BODY

NO TOSSED AND TURNED - WE SLEEP PEACEFULLY
OPTIMAL BODY TEMPERATURE DURING SLEEP
IMPROVES SLEEP QUALITY
ENABLES PERFECT DISTRIBUTION OF BODY WEIGHT
DOES NOT CREATE ANY PRESSURE ON THE BODY
ENABLES CORRECT POSITION OF THE BODY
APPROVED BY DOCTORS AND SPECIALISTS

IDEAL AIR FLOW
NO OVERHEATING
NO ALLERGENS
NO TOXIC VAPOURS
TESTED AND CERTIFIED



QUANOMED® SLEEP SMART SYSTEM

PRODUCT PORTFOLIO FOR EVERYONE

The QUANOMED® product portfolio has been created based on a detailed analysis to offer an ultimate solution for everyone.

As one of Zepter's six pillars of healthy living, QUANOMED® improves sleep quality, preserves your health and provides maximum luxury.

QUANOMED® selection

MATTRESSES

SUPQUANO

MAXQUANO

TOPPERS

ZENIQUANO

TOPQUANO

TOP COVERS

EXTRAQUANO

.....

PILLOWS

DOPPIO

ERGOQUANO



SUPQUANO
Mattress with Extraquano cover



MAXQUANO
Mattress with Cashmere & Silver Tech cover

CODE	SIZES	DENSITY	COOL SIDE	EXTRA SIDE
SQ-D160200	160 x 200 x 18 cm	75	X	X
SQ-S90200	90 x 200 x 18 cm	75	X	X

CODE	SIZES	SILVER-TECH
QM-D160200	160 x 200 x 15 cm	X
QM-S100200	100 x 200 x 15 cm	X
QM-S90200	90 x 200 x 15 cm	X
QM-S80200	80 x 200 x 15 cm	X

TOPQUANO

Topper with Extraquano cover



CODE	SIZES	COOL SIDE	EXTRA SIDE
TQ-S90200	90 x 200 x 5 cm	X	X
TQ-S80200	80 x 200 x 5 cm	X	X
TQ-S100200	100 x 200 x 5 cm	X	X

ZENIQUANO

Topper with Extraquano cover



CODE	SIZES	COOL SIDE	EXTRA SIDE
ZQ-D180200	180 x 200 x 5 cm	X	X
ZQ-D160200	160 x 200 x 5 cm	X	X

EXTRAQUANO
 Superior medical top cover
 Biomolecular painkilling therapy



CODE	SIZES	EXTRA SIDE
FQ-D200220	200 x 220 x 1.5cm	X
FQ-D200200	200 x 200 x 1.5cm	X
FQ-D180200	180 x 200 x 1.5cm	X
FQ-D160200	160 x 200 x 1.5cm	X
FQ-S100200	100 x 200 x 1.5cm	X
FQ-S90200	90 x 200 x 1.5cm	X
FQ-S80200	80 x 200 x 1.5cm	X

DOPPIO
 Pillow with Extraquano cover



CODE	SIZES	FIRMNESS / DENSITY	COOL SIDE	EXTRA SIDE
DP-4070	40 x 70 x 11 cm	45/50	X	X

ERGOQUANO
 Ergonomic pillow with Extraquano cover



CODE	SIZES	FIRMNESS / DENSITY	COOL SIDE	EXTRA SIDE
EQ-67.543.5	40 x 65 x 11 cm	45/50	X	X



100% NATURAL LATEX FOAM • CASHMERE • SILVER TECH • EXTRAQUANO