



ntek 
healthcare

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Interview



Innovation is the key to the transformation, and “cultivating innovation” is the driving force in our Company future trend. I intend innovation as a disruptive enabler to create new projects and strategies for modern Acoustics and Vibrations solutions that seemed inconceivable just a few years ago. This driver allows us creating completely new product ideas and solutions that take into consideration sustainability and energy efficiency. In the end, these innovations pave the way for a transformation of our segment operating with fewer materials, less waste while obtaining higher performances. For the near future, we have a clear focus to actively re-shape the boundaries of the Acoustics and Vibrations segment.

Indeed, we have started thinking about the Healthcare division department of our Company. Covid19 and other Pandemic Virus will disrupt and change most of our traditional concepts in our field. They will step into the future daily business due to the velocity of further technological development and evolving human process integration. This is the path we will follow to redesign the boundaries of our products in the Healthcare division.

Giancarlo Sassi
General Manager

A handwritten signature in black ink, appearing to read 'Giancarlo Sassi'.

New Division

Healthcare

Ntek launches the new Healthcare Division, focused on wellness and health.

As Ntek motto already claims, acoustics it's the basis of everyday wellness.

In the first period of 2020, Ntek felt the need to make its mission even more concrete and applicable in reality.

The foundation of the new Healthcare Division has made it possible to increase further the focus of acoustics applied to the idea of well-being.





This concept not only refers to the structures themselves but, above all, to the people and their activities characterizing each everyday life.

The proposed solutions are, therefore, a series of new Silent Pods, which allow the creation of private spaces, aimed at ensuring higher privacy and comfortable environments in open spaces.

They find applications in a multitude of situations and locations, given their efficiency combined with an innovative and functional design. Silent Pods are now at your disposal, aimed at guaranteeing investment in favour of the redevelopment of pre-existing spaces as well as the people well-being and protection.



Product Details

Silent Pods

Acoustic Interior

Our booth has an active area of 60% covered Polyester Fiber sound-absorbing material.

Sound Insulation Tempered Glass

With multiple laboratories tested results, conventional glass is not able to fulfil our needs to achieve our desired noise reduction performance; we had tested and chosen to use double-glazing glasses.

Modular Felt

Based on non-vulcanized butyl rubber, covered by adhesive PE staple fibre weaving surface and attached to contact-type overhead cushion, the modular felt is moisture-proof, anti-mildew, easy to clean and easy to maintain.

Our material selection combined with design tweak, we have succeeded to find the best ratio for sound absorption, noise and vibration insulation.



Sound Insulation

Our booth is consistent with the standard of environmental rating Design value: $Rw+Ctr$ 30 db (+5 db) and $RT0.75$ s (+0.1 s).



Ventilation

Low noise air ventilation system with maze-like internal layout to ensure necessary air circulation in three minutes while preserving soundproofing attributes of the booth.

Anti-Wear Exterior

The surface of cabin insulation panel is covered with Korean-made nanometer PP facing, which has a high resistance to friction pollution, ultraviolet rays, fire and moisture.

External Cable Hole

We provide a cable hole to the exterior in the event of data/power transfer is needed e-G. Recording, live, sound-controlled and interpretation scenes. The hole can be shut off when it is not required to avoid sound flanking.

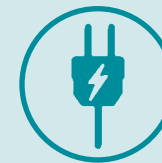
Damping Pad

Our booth bottom panel is equipped with our damper block to provide better securities to vibration and structure-borne noise.



Lighting

Equipped with 4000 K daylight colour temperature LED lighting system (150 LX), it would satisfy the needs of normal activities. In the event of additional power requirements, a backup power supply is readily installed inside the booth.



Power

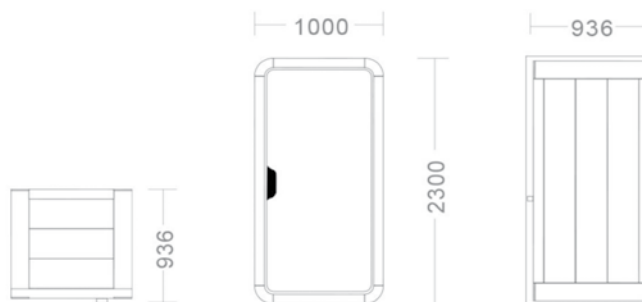
Our booth is equipped with 12 V-USB power supply and power rated for 100-220V/50HZ, complying with standard equipment requirements.

Product Size

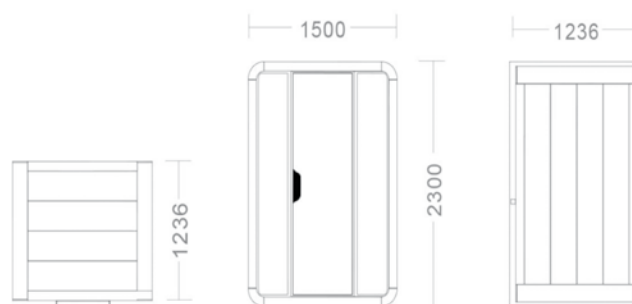
Silent Pods



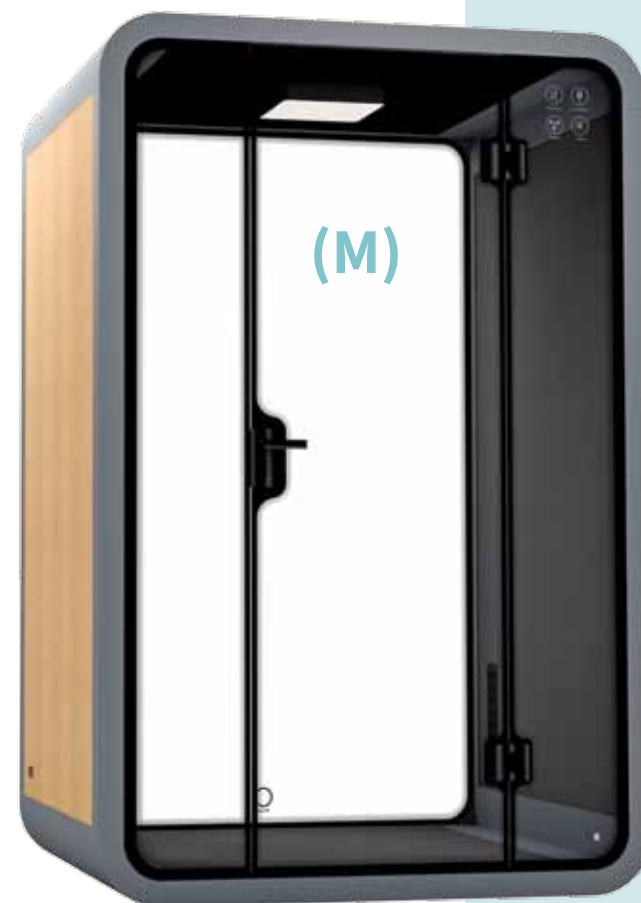
(S)



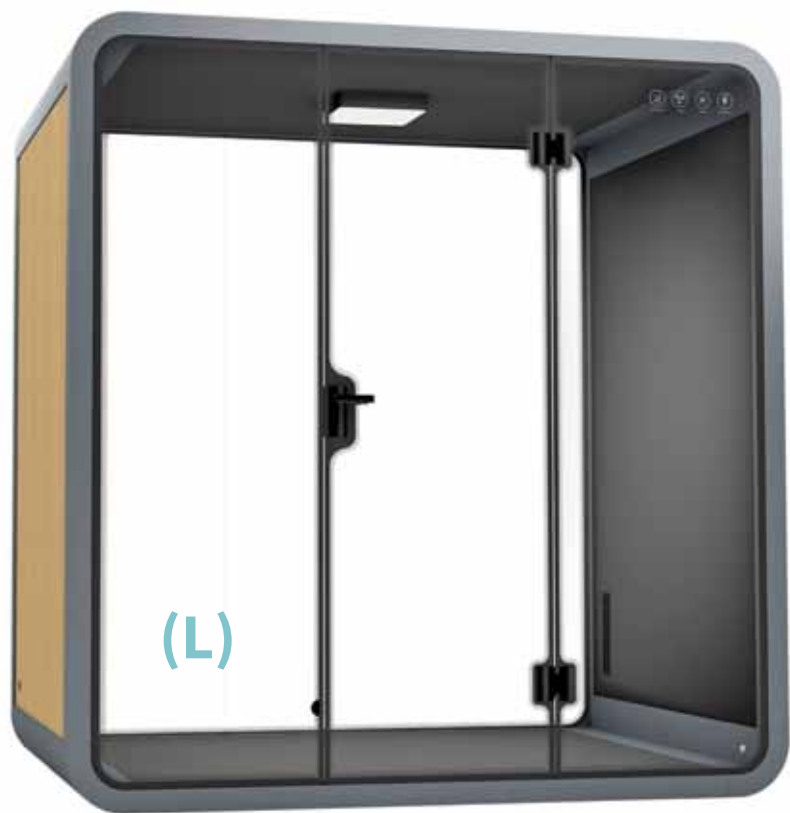
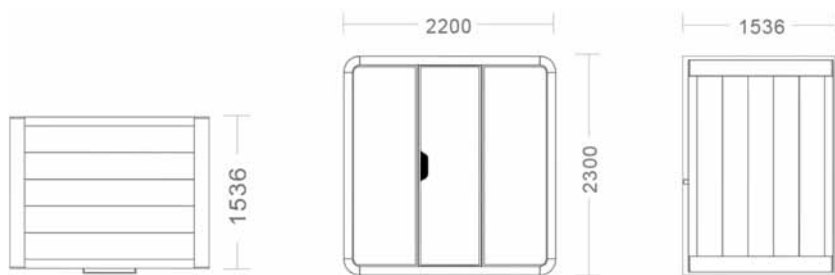
Size	(S) Small
External Dimension	D936*W1000*H2300mm
Internal Dimension	D900*W840*H2140mm



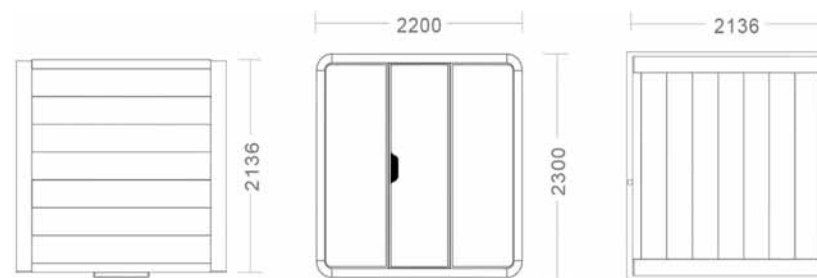
Size	(M) Medium
External Dimension	D1236*W1500*H2300mm
Internal Dimension	D1200*W1340*H2140mm



(M)



Size	(L) large
External Dimension	D1536*W2200*H2300mm
Internal Dimension	D1500*W2040*H2140mm



Size	(XL) Extra Large
External Dimension	D2136*W2200*H2300mm
Internal Dimension	D2000*W2040*H2140mm

LHC-1 Healthcare




Medical Pods

Here is the real conversion of Ntek.


The new Healthcare Division was launched during the peak of the COVID-19 pandemic. The fast reaction of Ntek was to convert the current silent pods into mobile medical pods that could help cope with the emergency. Rapidly adapting Ntek is now able to offer the LHC-1 cabin. It combines all the characteristics of the previous silent cabins with the standards required by the health sector.

Size	(LHC-1) Medical
External Dimension	D1536*W2400*H2300mm
Internal Dimension	D1500*W2240*H2140mm


Medical booths can be quickly configured, easy to clean and sanitize, as well as being customized according to customer needs. Furthermore, they already have a protected and isolated environment; it is therefore not necessary to resort to the reconstruction and modification of the original function of the host premises.




Enhanced soundproof




Sound system




UVC disinfection




Ventilation




Zero emission



Waterproof



Fireproof



Anti bacteria



Medical booths are made of carbon polymer soundproof panel, soundproof glass, aluminium, and chemical fibre sound-absorbing board. The cabin is anti-fouling, anti-bacterial, zero formaldehyde release, fire-resistant. They are equipped with positive and negative pressure air treatment system (20T/H internal circulation, Positive pressure supplying air with three-stage electrostatic purification, negative pressure exhausting air with 180nm strong ultraviolet radiation disinfection and the exhaust airport can be connected to the hospital central air supply and exhaust system), adapt to 100-240V / 50-60Hz and 12V - USB power supply system, meeting different power requirements as 4000K / 150Lsx natural light central, lighting system, Background music, emergency, a broadcast system, accessing terminal, network, television accessing terminal.

Bed Size	D: 860mm x W: 2130mm x H: 450mm
Bed Table Size	D: 455mm x W: 465mm x H: 810mm

Application Suggestions

Ntek Silent Pods are perfect solutions that can be integrated public areas as phone booths or workspace areas, granting people's privacy and exclusive wellbeing. Applications possibilities are varied, starting from screening to a temporary isolation room, for different healthcare purposes. That could be important for public areas, as well as crowded workplaces like offices and business buildings or schools, airports, naval ports, railways stations. All the booths are flexible and movable and can be customized according to the specific need.



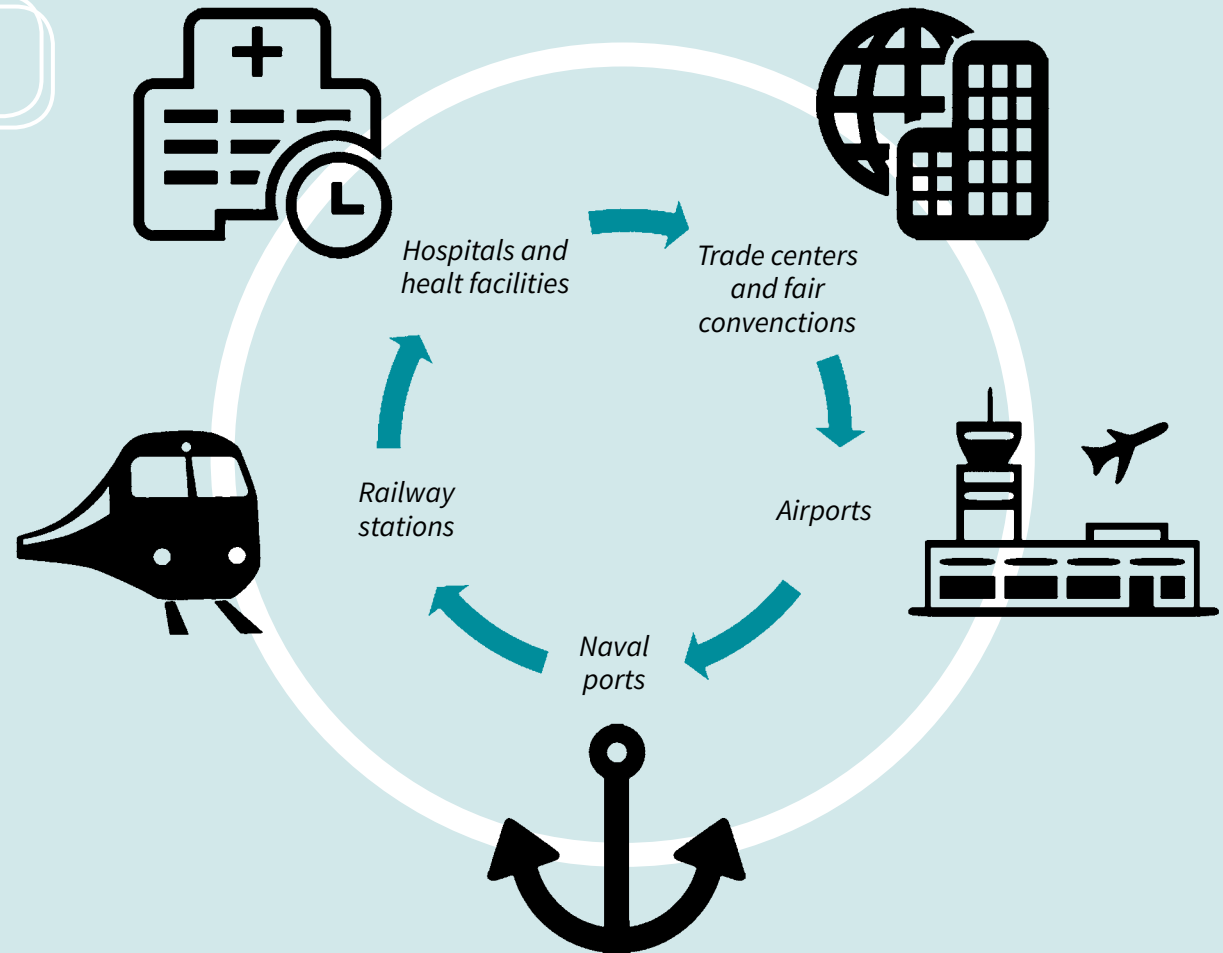
The best choice

**Ready to use
once connected
to the mains**

**Hygiene
and insulation
standards respected**

**Predisposition
for further optionals**

**Compact
and independent**



Application Suggestions

OFFICE

Open space offices are nowadays increasing in Companies to encourage teamwork.

The silent pods are the right choice for meetings and calls with privacy while maintaining the cooperative philosophy.



Office



Reception



Meeting



Printing



Phone





Office

Silent pods grant you private spaces to equip as offices in large public areas. Create quiet nooks in open spaces shall be the key to productivity.

Conference

Providing a pleasant environment for ideas creation and exchange is part of the aim of our booths. Silent pods are the perfect platforms that give you your private sharing point.



Reception

Leave your visitors the best impression of your Company; 4m² silent pods are the perfect solution for business reception, granting a quiet and private environment.



Breaks

A cup of coffee, a private call or small talk, whenever you need to take a break from work in a relaxing and comfy place.



Application Suggestions

EDUCATION

Entirely adaptable for learning in schools, universities, off-campus training institution and music education malls. Conventional venues distort audio perception, encounter interference issues, and represent a potential noise source for nearby communities. Silent pods can give you a good acoustics environment while minimizing disturbance to others, providing the optimal space to study and practice musical instruments.



Piano



Drum Kit



Violin



Saxophone



Music





Drum

XL size silent pods are suitable as a standard one-to-one drum room, meeting the sound insulation and space requirements for practising and teaching.

Piano

The significance of the acoustics impact on student music conception is often not considered a critical argument yet. The L size pods greatly meet the need for one-to-one piano training.



Violin

M size pods are suitable for violin practice space, stopping the sound of practice from affecting others.



Saxophone

S and M size pods are both suitable for saxophone practising. Apart from the excellent acoustics performances, the design provides an attractive spot for the practising place.



Application Suggestions

PUBLIC AREA

It's always uncomfortable to take a phone call, to have a conversation when based in public places like hotels, airports, train stations, hospitals.

Silent pods create a private space within the same public area, giving you enough quietness for your needs.



Office



Reception



Meeting



Printing



Phone





Hotel

During a business trip, hotels sometimes serve as a meeting location. But the hotel lobby, cafe, and lounge bar are too noisy for work discussions. Silent pods provide space for perfect customer experience.

Airport

Silent pods are your movable office in the airport. They can be intended like specific spaces dedicated at a determined use where required privacy and isolated areas. It values your time even in the terminal buildings.



Governments Hall

A brand new experience in waiting rooms.
A perfect booth for conversation and phone calls.

Hospitals

Silent pods give you comfort during long waiting and privacy in case of incoming calls.



Application Suggestions

WORKSPACES

Silent pods are the perfect place where people can bring their full potential and focus more in-depth on day-to-day tasks, with fewer interruptions. They also reduce noise and makes everyday work life more enjoyable.



Office



Audio



Translation



Monitor



Hardware
room



Live





Recording

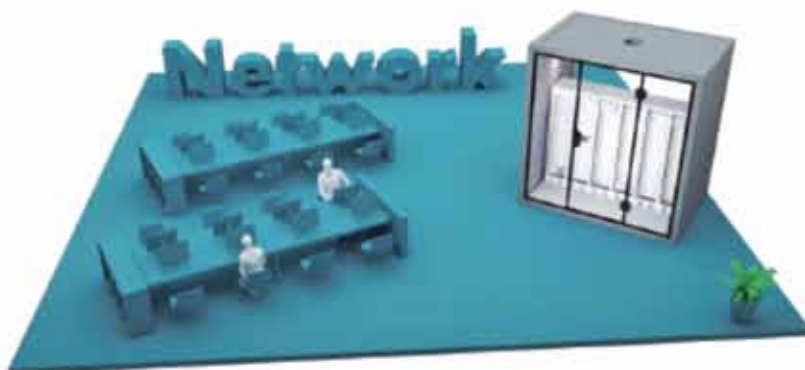
Silent pods are suitable for audio recording.

XL and L size can be respectively used to audio capture and recording, while in a combination, these two together become a recording studio room.

Broadcast

The even more popular internet live broadcasting needs an independent and private environment.

It's necessary to set up a quiet space in work or life.



Network

Silent pods combine acoustics and design for server room and video surveillance office, which require to be visible and accessible space in the work environment.

Interpreter

S and M pods only take 1-2 squared meters. Therefore, they're suitable for multi-language simultaneous interpretation.







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Contacts

Ntek is placed in the northern part of Italy, close to Turin, city symbol of automotive industry and European capital of innovation, research and development.

The Company is located in San Maurizio Canavese, in a strategic industrial area, 1 Km far away from the international airport of Caselle (Turin).

Our team is composed of passionate, motivated and skilled people that can help you in your daily activities with Noise and Vibrations solutions.

Ntek

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