

Core3dcentres Leaders in digital dentistry

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digital dentistry

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Global reference for digital technology

Represented on the 5 continents, CORE3D is a global company that is currently leading the dental industry into the digital era.

CORE3D operates as an open platform, providing solutions that guarantee a digital workflow for any player in the market. There are no limitations for the current partners or for the type of solution they have chosen.

Furthermore, it is a company with exceptional volumes, reflected in high numbers of customers and staff, a worldwide professional network, and a constant exchange of knowledge. All these aspects make CORE3D the top competitor, rapidly pushing the technological shift to digital dentistry. CORE3D is currently the global leader in digital dentistry.



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Canada, United States, Asia-Pacific, Japan, Germany,
Benelux, South Europe, United Kingdom



Digital technology: the future is now

Digital technology is not the future anymore, it is the present. New technologies are rapidly outsmarting the traditional technologies, providing the patients as well as the dental practices and laboratories with more precision and comfort. The speed and quality provided by digital technology are the ideal factors on the road to perfection. CORE3D has lead the evolution into this new era, providing solutions and essential knowledge which have contributed to making the dream of digital dentistry come true.



More precision, quality and aesthetics

The digital systems allow the manufacturing of personalised dental structures with absolute precision and at great speed. Based on an intra-oral scan, the CAD-CAM software and the digital milling techniques assure a fast transfer of information for the production of the dental structures, improving greatly the fit and passivity. New techniques that streamline and improve the work of laboratories and dental clinics, allowing them to provide the patient with a higher quality and more aesthetically pleasing product.



Vast range of material

Zirconium, titanium, chrome-cobalt, polymers, lithium disilicate... The digital processes allow manufacturing with a vast range of last generation materials of the highest quality.

From single units to complete structures

Digital systems allow the production of many different kind of jobs, from single abutments to complete structures, with different finishing's and completely customized.



A world of advantages for professionals and patients

Core3dcentres and digital dentistry, a winning team

CORE3D is currently the leading company in a dental world that is in the middle of a shift into the digital era. As a result of the advantages born out of the alliance between CORE3D and digital dentistry, the company is now leading the digital evolution of dentistry with its innovative spirit. The company is the pioneer of the sector on a global level. CORE3D is a reference in a new digital world of dentistry, followed by all the great companies.



Pioneers in the complete digital workflow

CORE3D is the first company to guarantee a complete digital workflow. The company has created the biggest implant library of the world for intra-oral and lab scanners. Furthermore it is the only provider of scanbodies that are approved for intra-oral use and it has developed multiple components that enable a complete digital workflow with excellent precision and comfort.

Open platform for digital solutions

CORE3D is the only provider of digital solutions for all available materials, for all implant systems and for all types of scanners and design software.

Unpublished global dimension

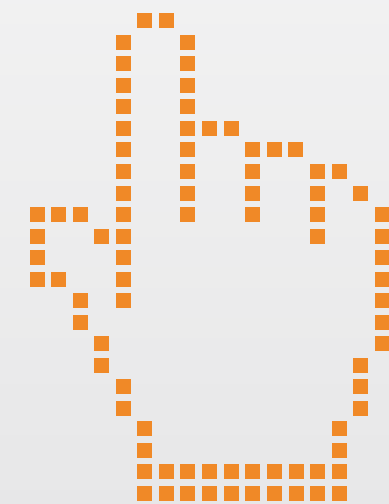
CORE3D does not have just one headquarters. CORE3D can be found on the 5 continents. This is a unique selling point that guarantees experience and a constant exchange of knowledge on a global level.

The fastest delivery times in the market

CORE3D delivery times are fast. All jobs will be delivered within 48 hours, with all quality certifications included. The most competitive delivery times in the market, again proving CORE3D's leadership position.

Core3dcentres is an open platform for digital solutions

Core**3d**centres
the guarantee
of a complete
digital workflow



The complete digital workflow

In comparison to the traditional systems, the digital era allows us to manufacture personalised jobs with speed and precision, using technologies that contribute to a more beneficial relationship between patient, doctor and laboratory.

The digital workflow is a sophisticated system starting in the dental clinic with an intra-oral scan of the patients mouth, ending there as well with the placement of the dental structure. In order to guarantee high quality and good aesthetics, a revolutionary and completely digital process takes place between these two moments. CORE3D has the capacity to offer all the necessary tools for turning this digital workflow into a success.



Core3dcentres a system that integrates all solution

CORE3D is the first international operating company to provide all the steps that are necessary for a flawless digital workflow for the production of dental structures on implants. Part of this workflow is the biggest implant library in the market for intra-oral scanners and lab scanners, as well as all the necessary components for perfect designing and milling of dental structures.

The best library in the world for all available design software

CORE3D has done a great job in developing digital libraries for all brands and all types of connections. These libraries allow a personalised design of a prosthesis with digital software. It is a multiplatform system that can be applied to all scanners (Intra-oral and lab scanners) and design software: 3Shape, Dental Wings, Exocad, etc.

3shape  exocad

Design software and digital library



The basic elements of the digital workflow

Intra-oral scanner



3shape  Lava™ iTero®

Lab scanner



3shape  exocad

Components



Scanbodies

CORE3D is the only supplier of a wide range of scanbodies approved for intra-oral use. They are screwed into the implant and serve as indicators for the scanner to determine its exact location.

Titanium bases

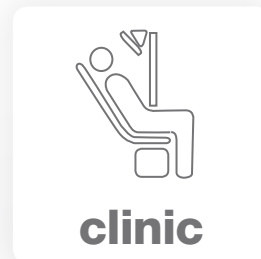
These are parts used for the realisation of screw-retained cemented zirconium structures and other materials. CORE3D has created the biggest implant library for titanium bases, featuring a wide range of connections.

Analogues

Exact copies of the implant connection, that are placed on the plaster or digital model to reproduce the position of the implants.

Screws

A range of screws for different kind of jobs and for every system. CORE3D has developed screws for bars and single units as well as screws for angulation correction. Screws are included in all the jobs.



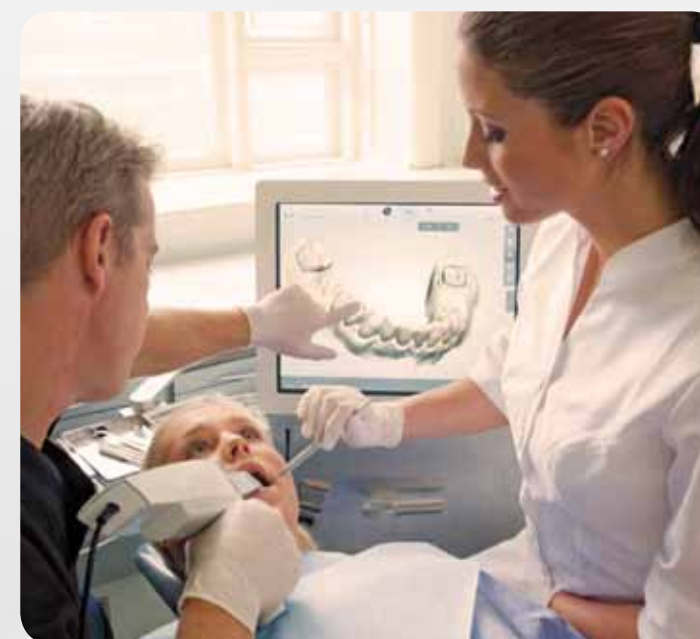
Scanners

For perfect impression taking



3shape

3Shape is the global leader in digital implant technologies and has developed the best scanners on the market, including the intra-oral scanner known as TRIOS®. CORE3D is a distributor of 3Shape technology and has contributed directly in the development of the TRIOS®. CORE3D distributes lab scanners as well and offers information and advice on the TRIOS®. An exceptional combination that is paving the road to perfection.



Intra-oral scanner. A world of advantages

For the dental clinic

- Faster impression taking. Avoiding imprecisions. Better clinical results.
- It is not necessary to take the same impression twice or to use impression materials.
- Better fit during placement.
- No more costs for material and shipping.

For the patient

- More speed and comfort. No longer necessary to use silicones and sprays.
- Less visits to the dental clinic needed for the repetition of impression taking.
- Better fit of the restoration.
- A reduction of the time spent in the dental clinic.

The CORE3D scanbodies and libraries are compatible with all the intra-oral scanners on the market. (TRIOS®, Lava Cos™ and iTero®) Any user of each of these scanners can easily work with CORE3D.

TRIOS® Lava™_{COS} iTero®



The best **CAD-CAM** designing system

Once the digital model of the patients mouth is finished, the restoration has to be designed using high precision digital techniques. CORE3D is a distributor of 3Shape scanners and provides laboratories with the best dental design software as well as libraries for the most important design programs. These systems allow working on natural teeth or on any type of implant system available on the market.



The comfort of a lab scanner

CORE3D distributes 3Shape lab scanners. These scanners are the most well-known scanners on the market, providing your laboratory with up to date design software and a solutions library developed by CORE3D.



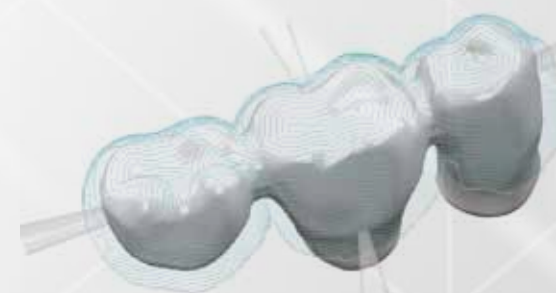
CORE3D, the most versatile and rewarding system for a prosthetic laboratory

As a result of the open platform characteristics offered by CORE3D, the laboratory technicians can enjoy the following services:

- CORE3D can digitalize the physical models, for laboratories that don't own a scanner, but who still want to benefit from the digital workflow. This is a fast and reliable service that ensures the best results by being in permanent contact with the client.



- For those laboratories that already have a scanner, CORE3D offers the most ample library and range of implant components on the market. As a result of CORE3D's constant growth and improvement, it's digital workflow is now compatible with all systems and brands. This means that, regardless of the implant system the clinic uses, CORE3D will have the necessary components for each restoration.
- Customer support is an essential value to CORE3D, which results in free training on software updates, personalised training on the 3Shape system, etc.



Advanced technology applied to the dental sector

CORE3D uses the most innovative technology for the production of structures on natural teeth or on implants. From single units to complete bars. CORE3D uses the widest range of materials in the market, including all metals, all non-metals and materials for temporary solutions.



Milling with absolute precision guaranteed

CORE3D's High Speed Milling technology allows the production of personalised solutions without adjusting the structure of the material, which can now stay homogeneous and without alterations, allowing easy fusion of the ceramics without distortions or tensions in the final product. CORE3D guarantees absolute precision milling creating a passive fit for the restoration. The system provides the possibility to develop solutions for placement on top of natural teeth or on implants in combination with improved predictability.

Experts in angulation correction

Based on the position of the implant in the patients mouth, a lot of the jobs that are designed for placement on implants require angulation correction. CORE3D offers a great deal of expertise on these kind of corrections. Both the laboratory and the dentist benefit from this expertise, which provides them with perfect aesthetics and fit for all their jobs.

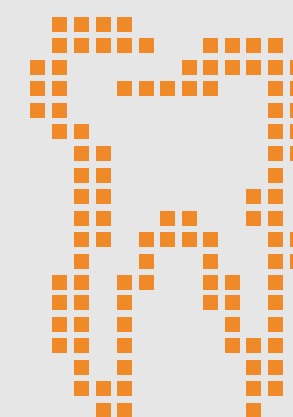


The best service in all aspects

The possibility to place orders online, to look up the actual order status on the computer and the high production speed, unique in the world, are some of the main reasons why CORE3D is more than just a milling centre.

All laboratories can work with CORE3D, regardless their level of digitalisation. CORE3D offers solutions and advice for every step of the process.

Core**3d**centres
the most extensive
product range



Solutions for all available materials

Open platform

If it is possible, CORE3D will do it. This because CORE3D is an open platform providing digital solutions. CORE3D can work with physical models or with dentures designed with the mayor design software packages and obtain restorations that can be placed on natural teeth or on implants. All this, offering the most extensive product range on the market. CORE3D is multiproduct and multibranded. Nowadays, digital dentistry is a synonym for CORE3D.



The dental sector has done a lot of research and development in the field of material engineering. CORE3D has developed milling techniques for all available materials in the market.

Metals

Titanium, chrome-cobalt

- CORE3D was the first company that started to use chrome-cobalt for bigger structures. Because of the durability, the good mechanical behaviour and the good ceramic attachment characteristics, it is the perfect alloy for the mechanisation of dental structures.
- Titanium is perfect for mechanical handling, it is biocompatible and works well in combination with soft tissues.

- Delivery times starting at 48 hours.
- The possibility to mill big chrome-cobalt structures.
- 5 year warranty on all metal jobs.



Zirconium



Core3D Zirconio Opalite®
Lava™ zirconia Lava™ plus



- High quality milling of the most aesthetic and popular material.
- Laminated (stratified???) or monolithic zirconium, white or shaded, sintered or non-sintered.
- Delivery times starting at 48 hours.
- CORE3D's high production volumes allow competitive pricing, especially for restorations that have to be placed on natural teeth.
- 3M LAVA certified centre.

Translucent zirconium or zirconium for ceramic layering

- **Translucent or monolithic zirconium** allows milling of anatomically shaped units with the final geometry needed for a perfect fit in the patient's mouth.
- **Zirconium for ceramic layering** is used to design a structure that will serve as a base for the fusion of ceramics in order to achieve the final anatomy and aesthetics.

Centro de Fresado LAVA
Autorizado 3M ESPE

In the non-metal category, CORE3D mills materials like lithium disilicate and nanocomposite. Both materials show spectacular results and are becoming more and more popular. The CORE3D milling centres are authorized to mill materials of the most prestigious manufacturers of these types of materials, like LAVA and Ivoclar.

Other materials

Temporary materials

Polymers

CORE3D is one of the few companies that offers a wide range of temporary materials. Temporary structures made of polymer are placed for a certain amount of time, still offering a fantastic fit and great aesthetics. Usually these temporary structures are replaced by permanent structures within two years. CORE3D, as authorized Ivoclar milling partner, mills Telio® with the maximum warranty offered by both companies. Telio® is the most used material for temporary restorations.

Telio
Everything (for) provisionals



Monolithic solutions

Lithium disilicate, nanocomposite

Technological advancements now allow us to mill fully finished monolithic structures that can be placed directly in the patient's mouth, without the need to finish it off with ceramic layering. CORE3D specialises in these kind of jobs, that can be done in zirconium (Opalite®), as well as in non-ceramic materials, like lithium disilicate and nanocomposite.

CORE3D produces monolithic structures out of all these materials. CORE3D is an authorized Ivoclar milling partner that offers lithium disilicate to produce single abutments. As well, CORE3D is an authorized LAVA milling partner, and as such it offers Lava™ Ultimate, the high demanded nanocomposite that is well known for its excellent results.



Centro de Fresado LAVA
Autorizado 3M ESPE



Impression models and analogues

The days where a plaster model of the mouth was necessary for the manual production of restorations are long gone. Nowadays CORE3D prints digital models including cavities for the precise placement of analogues in order to allow ceramic layering on top of the milled units. CORE3D again has been a pioneer in the development of these kind of digital model printing jobs.



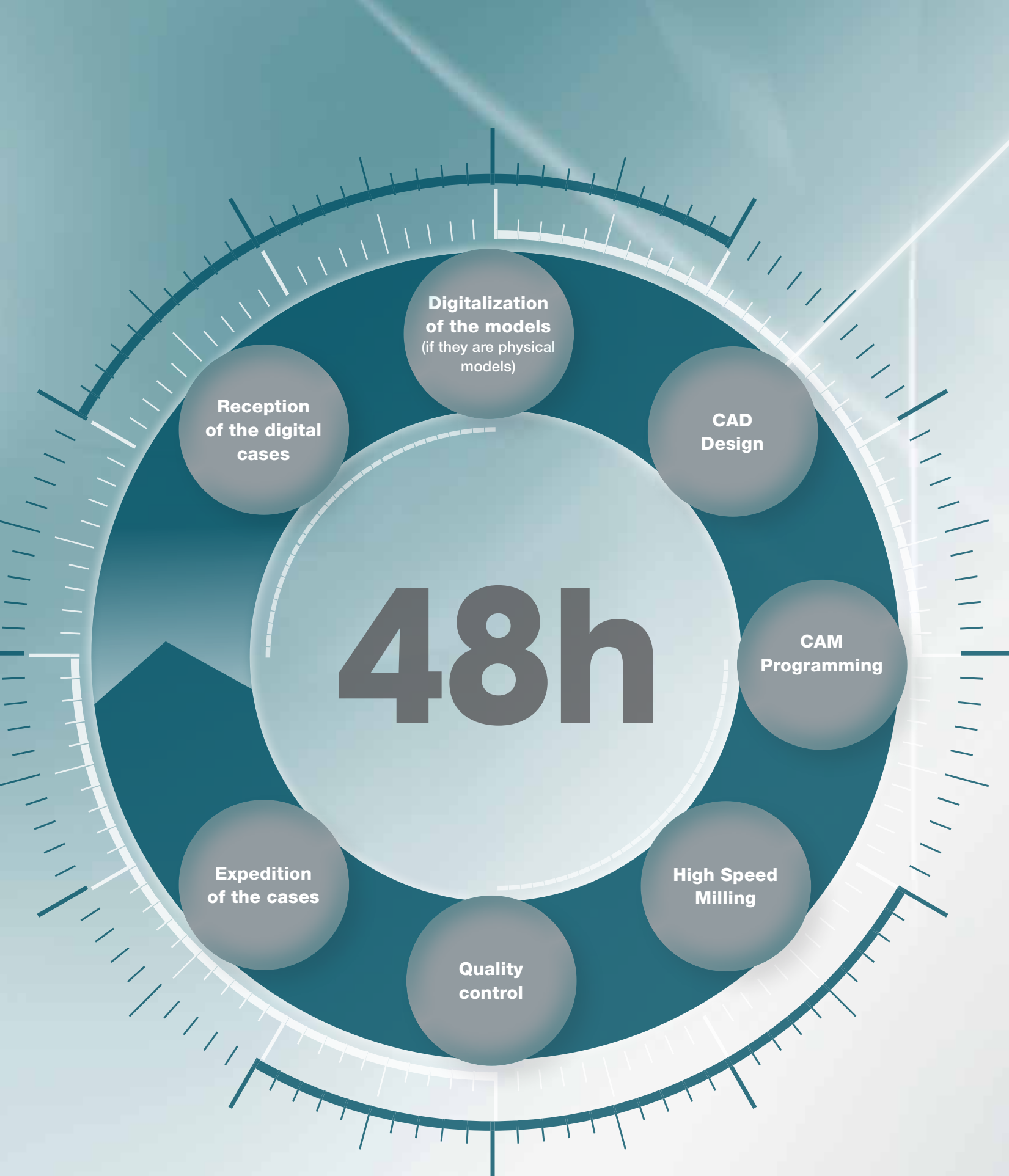
Intra-oral scanners are used to create a 3D image of the patient's mouth. Afterwards a physical model is printed, which was formerly done in plaster. CORE3D digitally prints these "stereolithographic models". These models come with cavities that can be used for the placement of analogues. Laboratories can use these models in order to finalize the restoration.





Core**3d**centres
a leading company
in research
& development,
quality and service

I+D



Excellent service and technical support

CORE3D offers high speed manufacturing of prosthetic cases in between 48 hours and 5 days, guaranteeing a first class service to its customers . These turnaround times were unthought-of in the dental sector, but are now reality thanks to the advanced technologies and the continuous 24 hour manufacturing systems. A professional customer service team, online tracking of a job's status and a team of engineers ready to solve any problem at any given moment ensure our customers that CORE3D is the best partner in the market when it comes to digital dentistry.



Orange title: The best training in preparation of the digital era

In order to start participating in digital dentistry specialisation in the usage of new technologies and processes is required. CORE3D guides the customers into this new world by offering presentations, demonstrations and trainings related to dental designing programmes, 3D scanners and CAD-CAM software solutions. This kind of support is mainly focused on 3Shape, which is also distributed by CORE3D.

core3d
academy

3Shape Academy

Core3dcentres the great digital opportunity

Secure the first steps into the unknown

The present dental industry is already a digital one: Prosthetic jobs of unmatched quality and commodity for the dentist, the lab and the patient...

Risking the leap into digital dentistry is essential for those who do not want to be left behind, and CORE3D is currently the best partner for those who want a safe landing. Not all companies keep their promises, CORE3D has proven itself a loyal partner with global presence and solid leadership based on quality. CORE3D is a safe bet.

**Taking the step into digital
dentistry is mandatory,
and the best way to take
it is together with Core3d**