

ONE STAGE

IMPLANTS

Heisinger



**30TH ANNIVERSARY
OF DENTI IMPLANT SYSTEM**

IMPLANT

SYSTEMS FOR ALL INDICATIONS

EDUCATION

DENTIDENT IMPLANT CLINIC

MILLING DENTAL MILLING CENTRE

DENTI DIGITAL DENTAL TECHNOLOGY

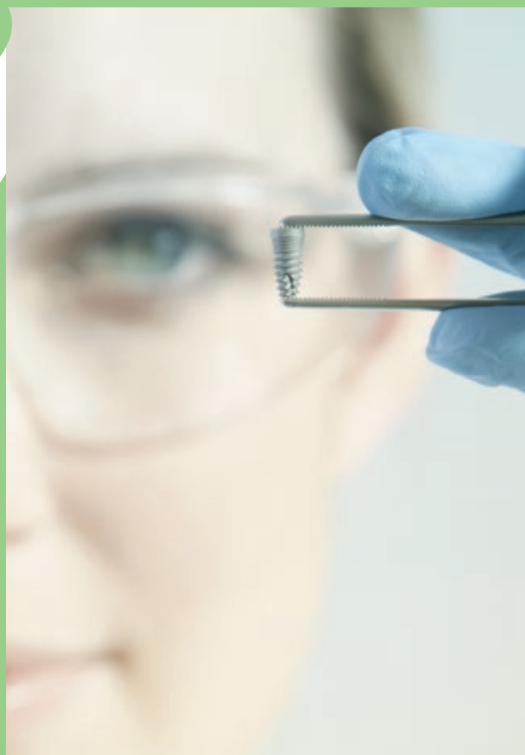
RESEARCH

AND DEVELOPMENT

PRODUCTION

OF THE HIGHEST TECHNICAL LEVEL

IN FOCUS



WWW.DENTISYSTEM.COM

30-YEAR

OF SERVICE IN IMPLANTOLOGY



WWW.DENTIIMPLANTCLINIC.HU

MULTI LEVEL

COURSES FOR DOCTORS AND TECHNICIANS



WWW.DENTMILL.HU

COMPLEX

DENTAL TECHNOLOGY SOLUTIONS



WWW.DENTISYSTEM.COM

INNOVATION

SINCE 1983



WWW.MEISINGER.DE

QUALITY

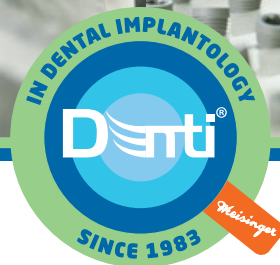
HUNGARIAN TRADITION
GERMAN PRECISION

Meisinger





PROF. DR. ISTVÁN VAJDOVICH



ABOUT US

DENTI SYSTEM LTD.

Denti System Ltd. was founded in 1989 with the objective to develop and produce a dental implant system for the Hungarian dental practice that is widely available for dental patients in need and can be applied safely and economically by dentists. Our primary purpose was to fulfil the increasing demand of patients helping them to achieve a better quality of life.

SMILE FOR EVERYONE

The high quality of our products is guaranteed by Hager & Meisinger GmbH /Germany/ that has been the manufacturer of our implants, instruments and implant system elements since the Spring of 2005 as well as supports our company by its development background.

QUALITY AND TRADITION

The Denti® Implant System has 30 years of background. Its unbroken improvement is based on continuous research and development, theoretical knowledge collected since then and the experiences from the long term clinical practice. The always renewed, high quality Denti® Implant System is the result of many years of scientific experience and constant research and it is used both in Hungary and in other countries with great satisfaction. Denti® products can be easily, safely and highly successfully used in the everyday dental practice. The Denti® name is guaranteed by constant innovation and the strict quality assurance system.

30 YEARS OF INNOVATION

RESEARCH AND DEVELOPMENT

Research activities of our company are primarily focused on dental implants, related instruments and specific surgical methods for implantation. A series of experimental and clinical studies supports our successful research and development activity in implantology. In this research and development activity we consider cooperation with our users as a top priority.

EDUCATION

Education is important part of the activity of our company. We have delivered accredited course with recognized university professors since 1990. We organize courses both for beginner and expert implantologists-dentists and dental technicians. The purpose of our courses is to teach the participants to the practical methods of implantology by using Denti® Implant System and safely apply these methods in their everyday practice. We institutionalized our educational activities in Spring 2010 under the name of DentiDent Implant Clinic.

QUALITY „MADE IN GERMANY“



Dentident
implant clinic+

THE OFFICIAL
**EDUCATION CENTRE
AND REFERENCE CLINIC
OF DENTI® IMPLANT SYSTEM**



The **DentiDent Implant Clinic** as the Central Reference Clinic of the Denti System allows continuous professional training for those interested in implantology as well as dentists already working in the field of dental implantology. Our dentist team includes prominent persons from the Hungarian dentist community led by **Dr. István Vajdovich**, professor. The experience and archive data collected during the last 25 years give the opportunity to study almost any type of case. The DentiDent Implant Clinic will also help you to understand and learn implantology at the highest level.

**DENTIDENT IMPLANT CLINIC &
AIRPORT HOTEL BUDAPEST******

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Denti®

**DENTAL MILLING CENTRE
DENTI DIGITAL DENTAL TECHNOLOGY**



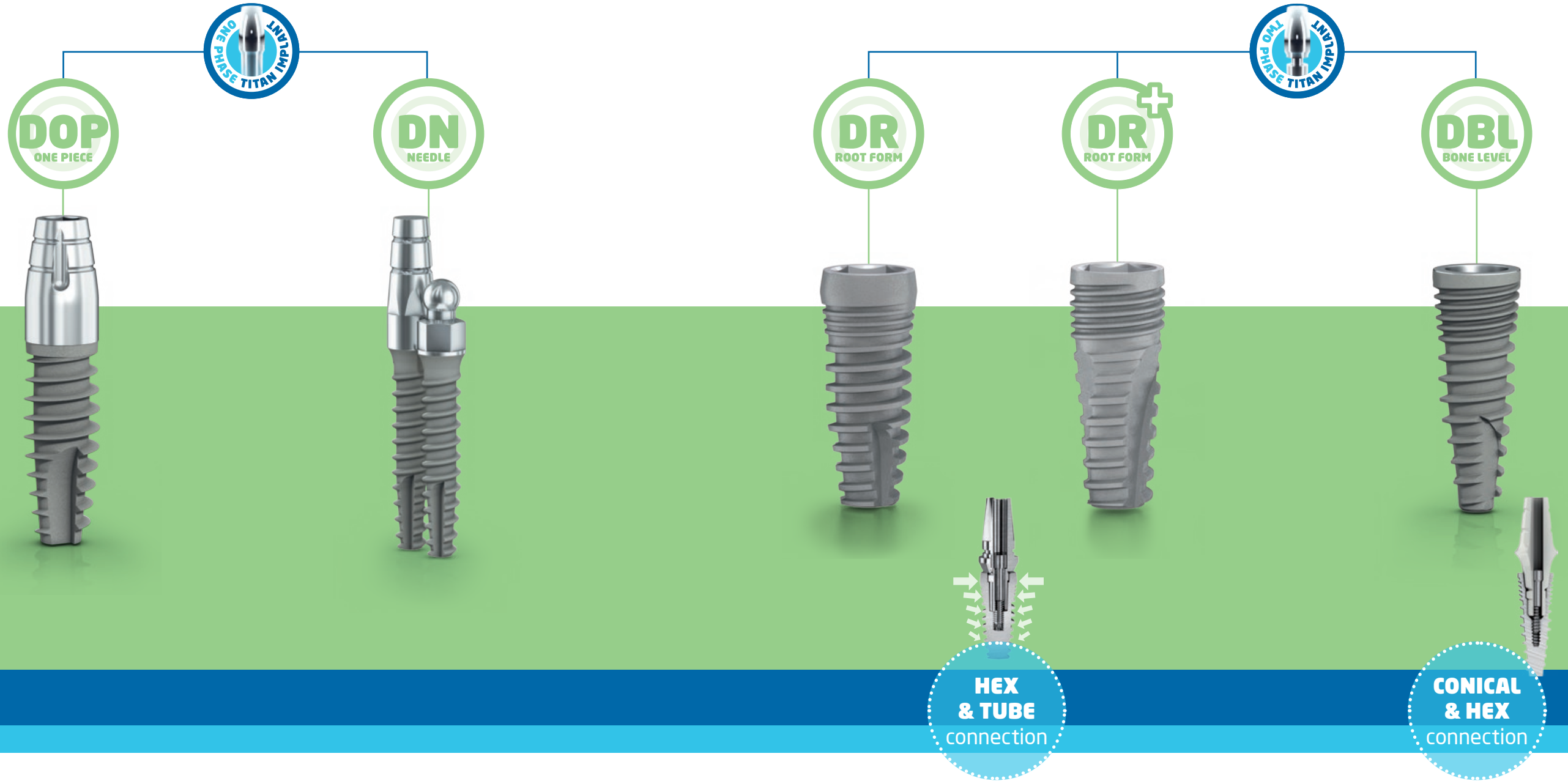
**CAD-CAM PLANNING
BRIDGES, CROWNS,
INDIVIDUAL ABUTMENTS,
HYBRID IMPLANT PROSTHESES**

ZIRCONIUM, TITANIUM,
COCR, 3M ESPE LAVA

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DENTI® IMPLANT SYSTEMS



TIMELINE





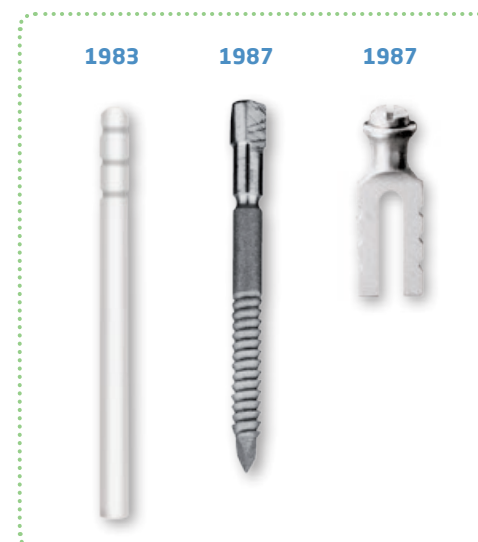
DENTI® NEEDLE IMPLANTS

"OLD-TO-NEW" DENTI IMPLANT SYSTEM

The 1st generation of Denti® Diakor needle implants were inserted in 1983. These implants were made of aluminium-oxide bioceramics. In the beginning of the 1987 more one phase Denti® implant types were on the market. These 2nd generation implants (blade, double needle and needle) were manufactured of pure surgical titanium. These implants were bendable at the neck.

The success rate of the 1st and 2nd generation Denti Needle Implants exceeded 97%. The success rate of the Denti Needle Implants with the proven Denti-Implant-surface is now up to 99%.

„OLD-NEW“ DENTI® NEEDLE SYSTEM



DENTI® NEEDLE IMPLANTS

USAGE

- for transgingival intervention, without exploration
- for denture retention both in the maxilla and mandible
- for removable prosthesis
- for single and multiple dentures both for bridges and crowns
- for provisional stabilization additionally to traditional implants in the recovery period

THE SIMPLE CHOICE

- conic and BALL head design
- rapid and trauma-free surgical intervention
- short chair time
- cost-effective choice both for the patients and the dentists





DENTI® NEEDLE IMPLANTS

THREADS

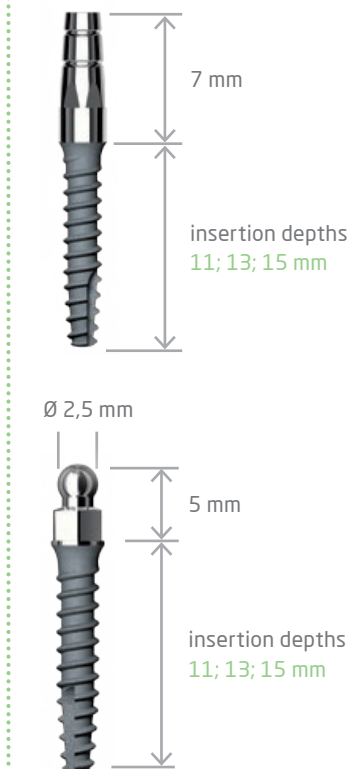
The Denti® Needle implant has bone condensing thread cutters and thread design. These factors make a proper compression in the implant bed, ensuring high primer stability.

LONG-TERM PROVEN DENTI® SURFACE


Denti® Needle implant has the same proven surface as the other Denti® implants with an excellent long-term success of 98,7%.

The Denti® implants surface is the combination of a physical and mechanical surface treatments (sandblasting and chemical treatment).

This micro-roughened, passivated surface design with its high surface energies guarantees rapid and safe formation and permanent adherence of the bone tissue on the surface of the Denti® implants.



TYPES & SIZES

		
	2,3 mm	2,8 mm
DIAMETERS	2,3 mm	2,8 mm
LENGTHS	11 mm	11 mm
	13 mm	13 mm
	15 mm	15 mm

DENTI® NEEDLE PROSTHETIC

PROSTHETIC COMPONENTS

- easy to use
- allow precise impression taking
- one type of impression cap for both implant types in order to make impression taking more easy



DENTI® NEEDLE INSTRUMENTS

TRAY DESIGN

- quick and non-traumatic surgical procedure
- simple and user-friendly instruments



QUALITY „MADE IN GERMANY“

Meisinger 125 YEARS

All instruments produced by
HAGER&MEISINGER GMBH, GERMANY.

DENTI® ONE PIECE IMPLANTS

DENTI® ONE PIECE IMPLANTS



EXPERIENCE AND MODERNITY

The 20 years' experience with two-stage cylindrical implants and 10 years' experience with cylindrical one-stage implant designs are combined in an implant type: Denti® One Piece. With this feature the implant becomes the most similar to the natural teeth. With proper planning and a precise execution it can perform its duties for the long term, since it's a solid implant with any risks of a micro-gap and micro-motion. This implant has been developed as a supplementary implant system for experienced implantologists, since as being a one-phase implant it cannot cover all indications. Furthermore the direction of the implant and the implantation site must be chosen with much accuracy since the chance for an angle correction in the mouth is limited. Keeping these aspects in mind applying these implants has a lot of advantages both for the dentists and the patients.

ADVANTAGES FOR THE PRACTITIONER

- both for immediate and late implantation
- to support cemented dentures as crowns and bridges
- to support mixed dentures
- can be implanted by transgingival access or surgical exploration

ADVANTAGES FOR THE PATIENT

- cost effective
- no second surgery saving time
- insertion method reduces healing and waiting time for the preparation of the denture





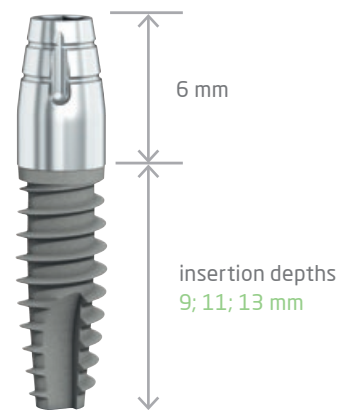
DENTI® ONE PIECE IMPLANTS

INDICATIONS




- to support fixed single tooth restorations
- to support fixed partial denture restorations
- can be used as additional implants holding temporary prosthesis during osseointegration of permanent implants inserted

CONTRA-INDICATIONS

- poor bone quality
- soft bone quality (class D4)
- less than 8 mm vertical distance between the antagonist occlusal surface and the bone of the toothless surface
- to support removable dentures only as a telescopic fixture



TYPES & SIZES

			
DIAMETERS	3,8mm	4,3 mm	4,8 mm
	9 mm	9 mm	9 mm
LENGTHS	11 mm	11 mm	11 mm
	13 mm	13 mm	13 mm

DENTI® ONE PIECE PROSTHETIC

IMPRESSION CAPS AND POSTS

- easy to use
- allow precise impression taking



DENTI® ONE PIECE INSTRUMENTS

TRAY DESIGN

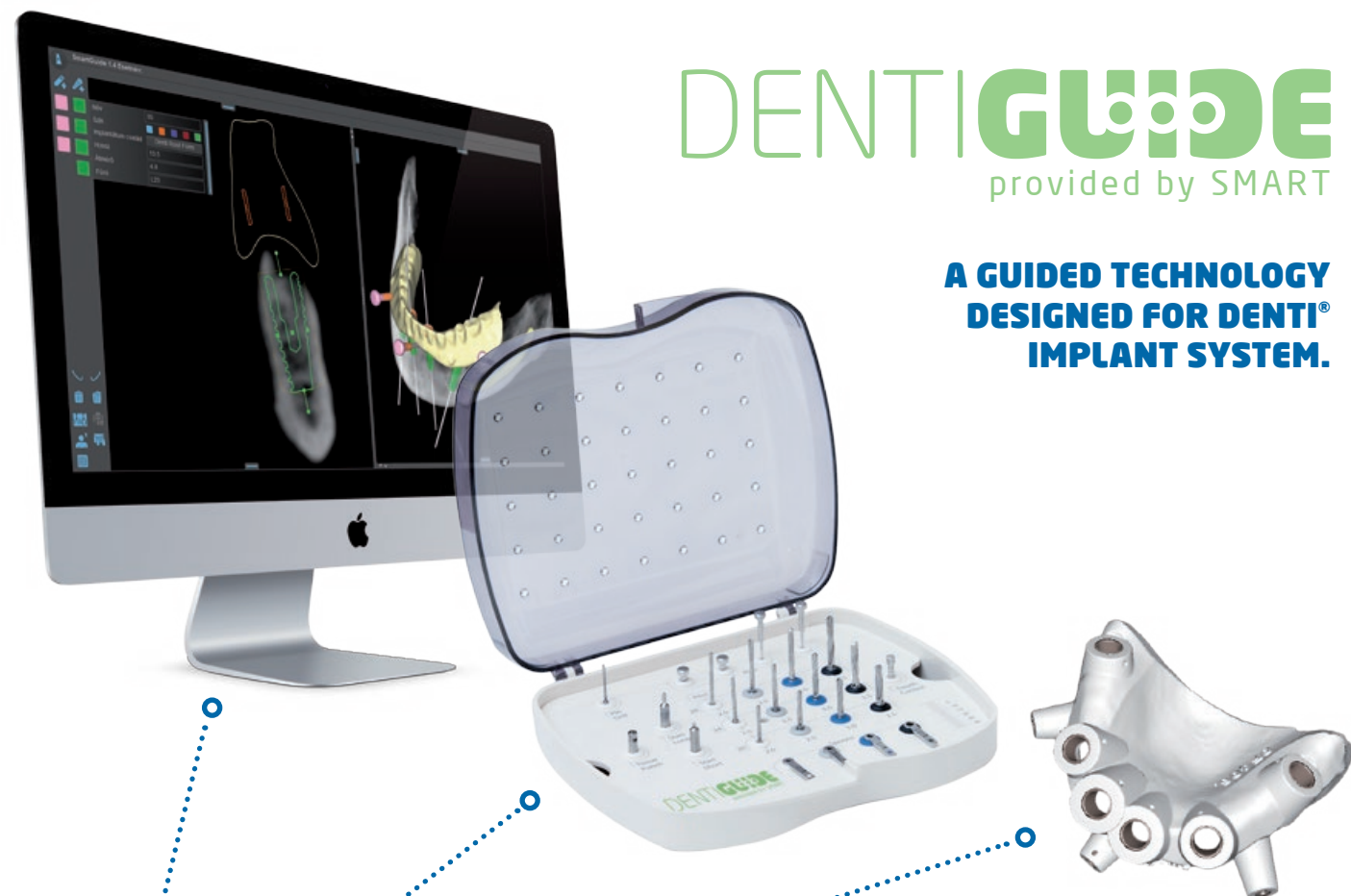
- the Denti® One Piece Surgical Kit is designed for a quick and rational insertion
- makes the organisation of all drills and instruments clear and simple



QUALITY „MADE IN GERMANY“

Hager & Meisinger 125 YEARS

All instruments produced by
HAGER&MEISINGER GMBH, GERMANY.



DENTIguide
provided by SMART

**A GUIDED TECHNOLOGY
DESIGNED FOR DENTI®
IMPLANT SYSTEM.**

**THE MOST ADVANCED GUIDED SYSTEM
TOTALLY FITTING INTO YOUR DAILY
PRACTICE**

- straightforward and quick procedure for all edentulous cases
- simple planning on a clear software platform
- denti implants integrated into the software
- high quality surgical guide with a patient specific surgical protocol arriving on the following day of the first patient visit

**SURGICAL TOOLS COMPLETELY IN LINE
WITH THE ENTIRE TECHNOLOGY**

**ONE SYSTEM CONTAINING
THE ENTIRE WORKFLOW**

SURGICAL PLANNING

GUIDED IMPLANT SITE PREPARATION

GUIDED IMPLANT PLACEMENT

BONE

Ossyresorb®
Bone & Tissue

OSSYRESORB®

The Ossyresorb is a completely absorbable bioceramics for using as a bone substitute for specific bone losses of the alveolar ridge. Ossyresorb granules consists of pure β -tricalcium phosphate. Due to its porous structure it is similar to natural bone. After integration into the newly developed bone tissue it maintains its volume and can be used safely to supplement peri-implant bone losses.

OSSYRESORB® BONE SUBSTITUTION MATERIAL

- completely synthetic material
- consists of phase-pure β -tricalcium phosphate
- it is gradually absorbed and integrated into the bone tissue; it is readily absorbed in physiological environment (remodelling takes approx. 4 to 6 months depending on the environment)
- due to porosity of granules it has large physiological surface
- its biological features will make them similar to the human bone tissue

SIZE AND PACKAGING OF OSSYRESORB GRANULES

- 0,3-0,4 mm** - for substitution of smaller specific bone losses.
- 0,4-0,8 mm** - for substitution of small to medium bone losses (for so called lateral augmentation), and for filling of cysts and for bone substitution for smaller sinus lifts.
- 0,8-1,25 mm** - for elevation of dilated sinuses and augmentation of bone losses extending to large surface





FABRICATED WITH **GERMAN** PRECISION



ISO, CE, WARRANTY
EN ISO 9001 and EN ISO 13485.
The Denti® products are CE marked.
All Denti® products undergo strict testing
by the Quality Department.



The Denti® System Ltd.
commits itself to a 10-year period warranty
after purchase to substitute its implants.
The procedure for substitution is detailed
in the General Terms and Conditions.

WWW.DENTISYSTEM.COM