

# ICX-DENTA5<sup>®</sup>

THE 5-AXIS DENTAL MILLING CENTRE FROM MEDENTIS.



CAD/CAM.  
REDEFINED.

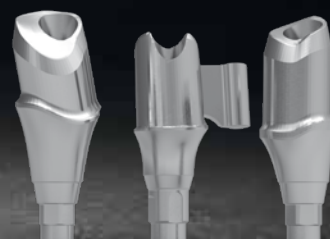
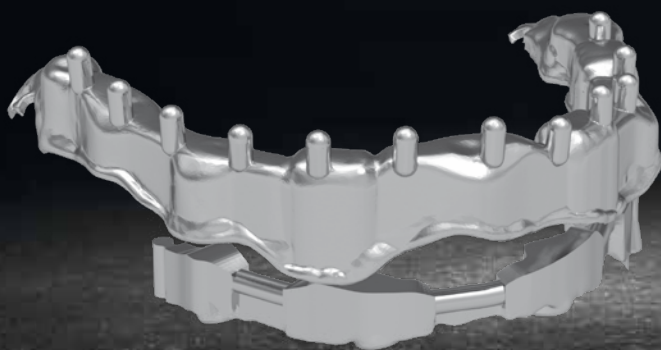
# ICX-DENTA

CATALOGUE 02/2022

**medentis**  
medical

ICX-DENTA5

DEMAND.  
QUALITY.  
VALUE.



*CRAFTED BY ICX-DENTA5.*

**medentis**  
medical



... the CAD/CAM milling centre from medentis ...

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**BE SMART. BE ICX.**

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## ICX-DENTA5

### ***We are the digital arm of the medentis family!***

Our guiding principle „Quality and service for our customers“ is also lived here and is the basis of our milling and service centre. It is our top priority to identify and develop new innovations and better solutions in the dental field.

### **ICX-DENTA5® – our products for you..**

Continuous development and testing at the highest level offers our customers innovative dental technology and the resulting user-friendly products.

At ICX-DENTA5, you can obtain high-quality dentures made of various materials and in all indications - directly from our competent contacts.



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medical



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## OUR SERVICES FOR YOU.

We offer high-quality manufacturing  
and take on the following services:

### Model and digital STL dispatch

#### 1. MODEL DISPATCH

- ➡ You first send us your models, including the ICX-denta5 order form.
- ➡ After detailed planning, our ICX-denta5 experts virtually scan and model virtually model a digital specification, which you can then correct and confirm it in 3D webview-based format.
- ➡ After that, the data released by you will be manufactured by us.

#### 2. DIGITAL STL DISPATCH

- ➡ You can conveniently send us your STL data.

Please use our upload service at:

**<https://auftrag.icx-denta5.de>**



Simply scan  
and use the ICX-DENTA5  
upload manager online!



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# ZIRCON



# ICX-DENTA5

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## MULTILAYER ZIRCON CROWNS

### DENTONA OPTIMILL ZIRKON 3D PRO ZIR MULTILAYER

Multilayer optimill 3D PRO Zir is a highly efficient, ceramic premium material.


The material has a total of six layers for imitating a natural colour gradient within the selected shade level. In the tooth body, the flexural strength is over 1050 MPa and then decreases successively from layer to layer to 700 MPa in the cutting area.

### IPS E.MAX® ZIRCAD PRIME

The revolutionary material stands for highest quality and aesthetics. IPS e.max ZirCAD Prime is characterised by the combination of two zirconium oxide raw materials (3Y-TZP and 5Y-TZP) in conjunction with the new innovative manufacturing technology Gradient Technology.

IPS e.max ZirCAD Prime features remarkable properties in only one material and is thus the „one disc solution“:


- High-end aesthetics
- All indications from single-tooth crowns to multi-unit bridges
- All processing techniques (staining, cut-back, veneering and infiltration technique)

	Indication
	Framework/bridge pontic Anatomically reduced
	Framework/bridge pontic fully anatomical

## ZIRCON PRE-COLOURED

### BIOSTAR ZIRKON SILADENT (FOR VENEERING)

The pre-coloured blanks guarantee constant, homogeneous colour qualities and considerable time savings, as a laborious colouring process (dyeing, drying) with fluctuating colour results is no longer necessary.

	Indication
	Framework/bridge pontic Anatomically reduced


#### Note: Additional services Zircon

➡ Surcharge from 6 units, if sintering element necessary. (Sinter beam)

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### IPS EMPRESS CAD

IPS Empress CAD are leucite-reinforced high-performance glass-ceramic blocks for the CAD/CAM technique. Due to their homogeneity and light scattering, they provide a balanced chameleon effect. In addition to their light-optical properties, the ceramic blocks feature an average biaxial flexural strength of 185 MPa\*. IPS Empress CAD restorations inspire with their natural translucency and convincing aesthetics.

	Indication
	<b>IPS EMPRESS CAD</b> Crown/Partial Crown/Inlay/Onlay/Cap

### IPS E.MAX® CAD GLASS CERAMIC (LT, MT, HT)

IPS e.max CAD is an innovative lithium disilicate glass-ceramic (LS2) used in CAD/CAM. This unique system offers exceptional aesthetic quality and very easy applicability. IPS e.max CAD enables CAD/CAM restorations for all existing indications.

	Indication
	<b>IPS E.MAX CAD GLASS CERAMIC</b> Crown/Partial Crown/Inlay/Onlay/Cap
	<b>IPS E.MAX CAD GLASS CERAMIC</b> Abutment/hybrid abutment crown/bridge, up to 3 units
	<b>IPS E.MAX CAD GLASS CERAMIC</b> Hybrid abutment bridge, up to 3 units/ with screw channel





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## ***HT-BLOCKS***

The IPS Empress CAD HT blocks with high translucency are mainly used for milling smaller restorations (e.g. inlays) due to their natural chameleon effect used mainly for milling smaller restorations (e.g. inlays).

## ***LT-BLOCKS***

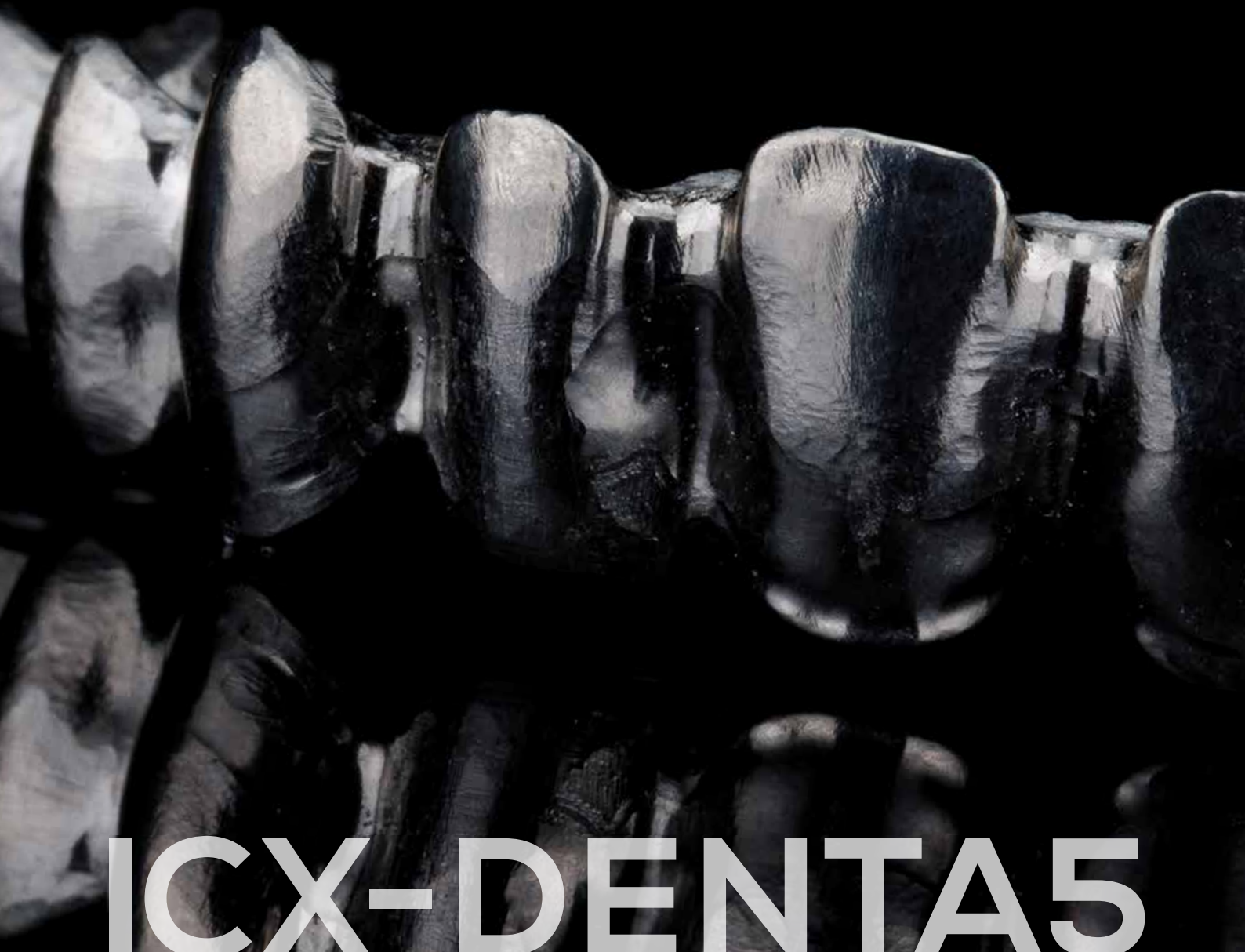
The LT blocks with low translucency are ideal for the fabrication of larger restorations (e.g. partial crowns, crowns) thanks to their chroma and brightness value.

## ***MULTI-BLOCKS***

The highlight of the IPS Empress CAD product range are the polychromatic IPS Empress CAD Multi blocks. Due to the natural shade and fluorescence progression from the dentin to the incisal area, they provide restorations with maximum aesthetics and naturalness. And all this without any characterization.

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# NEM




# ICX-DENTA5


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## SCHEFFNER MOGUCERA NEM

High-quality NEM of the best quality with very good adhesive bond. For optimal oxide formation with very good polishing properties - up to 16 units in the bond.

	Indication
	Framework/bridge pontic Anatomically reduced
	Crown/bridge pontic fully anatomical
	Primary part/telescope (for reworking)

## ADDITIONAL SERVICES

FRIKTIONS-ELEMENT	Indication
	Preci-Vertex attachment with recirculating milling

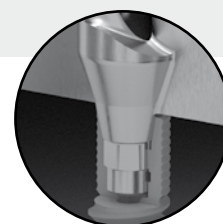
## ADDITIONAL SERVICES FOR MODEL SHIPPING & DESIGN SERVICE BY ICX-DENTA5



Extra charge per unit (Only applies if the model is sent to us and the abutment is created by us).
Scanning and modelling (anatomically reduced and fully anatomical)
Scanning and modelling plus enclosed wax-up (only anatomically reduced)
NEM or titanium bridges bonded on Multi Unit bonding bases, per unit






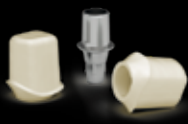
### CUSTOMISED ABUTMENTS FOR ICX SYSTEM

Patient-specific abutments for all common implant systems.  
The implant shoulder is polished when the STL data set is sent.



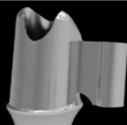
TITANIUM	Indication
	<b>Customised abutments</b> incl. practitioner and laboratory screw*
	<b>Telescope-abutment</b> 0°-4°

NEM	Indication
	<b>Occlusal reduced abutments</b> for direct veneer made of non-precious metal incl. dentist's and lab screw*
	<b>Telescope-abutment</b> 0°-4°
	<b>Customised abutments</b> incl. practitioner and laboratory screw*

ZIRKON- ABUTMENT	Indication
	<b>Hybrid ZR-abutment</b> incl. adhesive base and practitioner- and lab screw*

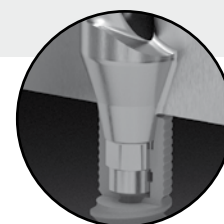
With hybrid abutments, the emergence profile is polished and bonded.

















### ADDITIONAL SERVICES

FRICTION ELEMENT	Indication
	Preci-Vertex attachment Telescopic abutment

### CUSTOMISED ABUTMENTS FOR THIRD-PARTY SYSTEMS

Patient-specific abutments for all common implant systems.  
The implant shoulder is polished when the STL data set is sent.



TITANIUM	Indication															
	<p><b>Customised abutments</b> incl. practitioner and laboratory screw*</p>															
	<table><tr><td></td><td><b>Astra®</b></td><td>Ø3.5/Ø4.0 Ø4.5/Ø5.0</td></tr><tr><td></td><td><b>Camlog®</b></td><td>Ø3.3/Ø3.8/Ø4.3</td></tr><tr><td></td><td><b>Nobel®</b></td><td>NP Ø3.5 RP Ø4.3/Ø5.0</td></tr><tr><td></td><td><b>XIVE®</b></td><td>Ø3.4/Ø3.8/Ø4.5</td></tr><tr><td></td><td><b>STRAUMANN®</b></td><td>NC Ø3.3 RC Ø4.1/Ø4.8</td></tr></table> <p>The products/trademarks named with ® are registered trademarks and/or trademarks of the respective manufacturer.</p>		<b>Astra®</b>	Ø3.5/Ø4.0 Ø4.5/Ø5.0		<b>Camlog®</b>	Ø3.3/Ø3.8/Ø4.3		<b>Nobel®</b>	NP Ø3.5 RP Ø4.3/Ø5.0		<b>XIVE®</b>	Ø3.4/Ø3.8/Ø4.5		<b>STRAUMANN®</b>	NC Ø3.3 RC Ø4.1/Ø4.8
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	<b>XIVE®</b>	Ø3.4/Ø3.8/Ø4.5														
	<b>STRAUMANN®</b>	NC Ø3.3 RC Ø4.1/Ø4.8														

### SERVICE HOTLINE:

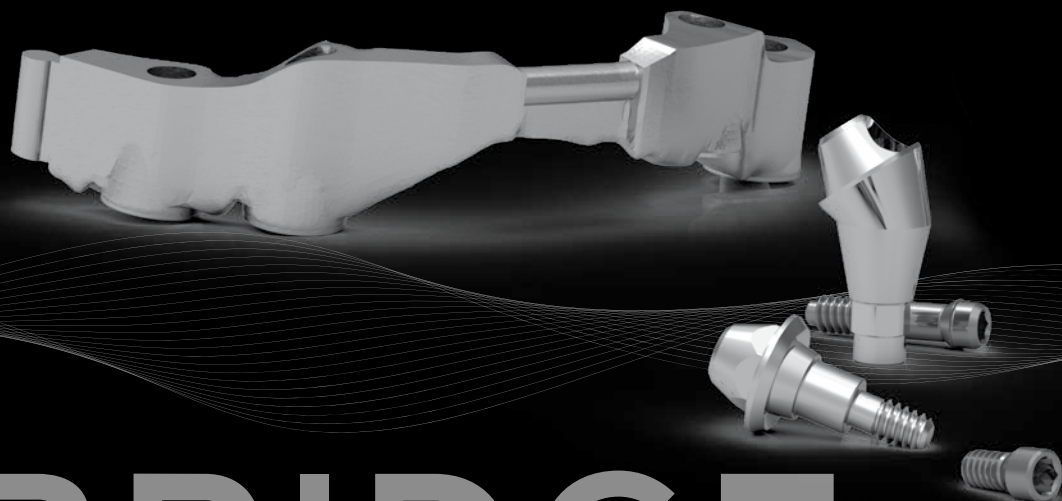
Telephone support and advice at: **+49 (0)2641 9110-0**

Monday - Friday, 07:30 a.m. - 7:00 p.m.

Email: **info@denta5.de**



ICX-DENTA5® – THE MODERN CAD/CAM MILLING CENTRE.

... the CAD/CAM milling centre from medentis ...



### BARS ON ICX-MULTI WITH ABUTMENT

High-quality NEM and titanium for the production of high-precision bridges on the proven ICX-MULTI® system.

	Indication	Number of implants
	Highly polished, on multi-unit screwed Bridges	<b>2</b>
		<b>3</b>
	Finished and glued	<b>4</b>
Additional retention elements such as Preci-Vertex and Preci-Horix are included in the bar design are included in the price.  Excluding Adhesive Locator™.		<b>5</b>
		<b>6</b>

**Spare screws are included in delivery**

#### Note:

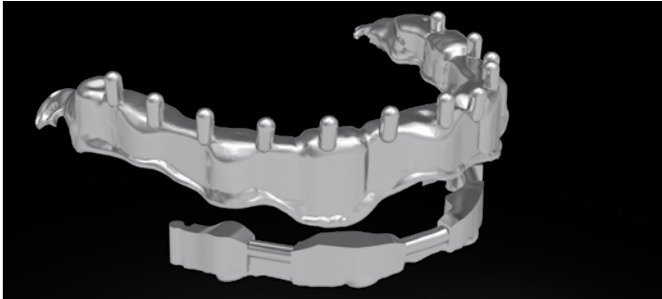
➡ ICX-DENTA5 will be happy to select the required multi-unit superstructures.

➡ In this way, we guarantee the right solution for your patient's case.



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### BRIDGE COVER



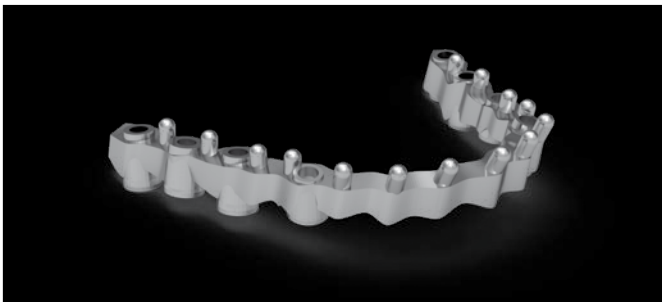
\*Incl. bonded INOX sleeves  
for user-friendly exchange of the  
matrix inserts

Milled from NEM or titanium  
(please ask us)



**Note:** ➡ Available in titanium and Co-Cr. ➡ Retention pins are individually adapted to your template.  
➡ **Ready fitted and connected to the respective retaining elements\*.**

### RETENTION BRIDGE



Per implant unit  
(please ask us)

### ADDITIONAL SERVICES BRIDGE WORK, DIRECTLY SCREWED TO MULTI UNIT



Screw seat milling for superstructure  
directly on Multi Unit  
(please ask us)




# -COVER

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## DENTALOS PLUS MULTICOLOR

Medical tooth-coloured PMMA for milled crowns and bridges as long-term temporaries.  
Multilayer in 5 layers for highly aesthetic temporaries.

	Indication
	PMMA, Multilayer (suitable for long-term temporaries)

### Note:

➡ Additional costs are incurred for design by the ICX-DENTA5 team.  
Please ask us

# ICX-DENTA5




**medentis**  
medical

**BE SMART. BE ICX.**

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### DIGITAL MODELLING

Our digital models convince through precision and optics. Highest accuracies are achieved by state-of-the-art printers. A lifelike texture and printed gingival portions round off your working model.

	Indication
	CAD/CAM dental model with EVO plate Suitable for saw-cut models
	Matching EVO split-cast panel
	CAD/CAM dental model without EVO plate
	Control model per quadrant

### ADDITIONAL SERVICES FOR CAD/CAM MODELS

Additional surcharge per unit (please ask us)
Scan and design service
Saw cut or stump preparation without exposure
ExoCAD attachment for articulator recording

Model fabrication in connection with surgical guides, ICX-Imperial work or individually fabricated abutments  
Abutments are still available at the special price of € 15.00 (€ 12.50 for maxilla + mandible) per arch.

Gingiva mask (please ask us)
per stump
per quadrant
per arch



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### ICX-PREFORMS AND MED-ABUTMENT HOLDER



**PREFORMS** for  
following holder systems:



**ICX-System®**

(MED-Connection)



**Medentika®**

(MDK-Connection)



**Amann Girrbach®**

(AGH-Connection)

**ICX-PREFORM-ABUTMENTS** for  
following implant systems:



**ICX-System®**



**Astra®**



**Camlog®**



**Nobel®**



**XIVE®**



**Straumann®**

Our Preform superstructure series is constantly being expanded with further systems.  
Find out more in our ICX shop online!

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### ICX-PREFORMS AND MED-ABUTMENT HOLDER

Simply scan  
and visit our  
ICX preforms  
online!



SCAN ME

#### THE ADVANTAGES OF THE PREFORM ABUTMENT HOLDER AT A GLANCE:

- **Much more precise production** than with conventional Holders - due to the innovative, one-piece design
- **Short production times** - due to the simultaneous machining of six blanks in one operation
- **Maximum protection** for the precisely designed implant interface - by clamping the abutment only on the front side
- **Very clear production** that is not susceptible to errors - due to the minimal number of components
- **Extremely favourable investment** - due to the simple construction of the preform abutment holder and the avoidance of expensive wear parts.



### ICX PREFORMS FOR VARIOUS HOLDER SYSTEMS



MED-Connection (ICX-System/medentis®)



AGH-Connection (Amann Girrbach®)



MDK-Connection (Medentika®)



The products/trademarks named with ® are registered trademarks and/or trademarks of the respective manufacturer.

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### ICX-PREFORM-ABUTMENTS FOR THE FOLLOWING IMPLANT SYSTEMS:

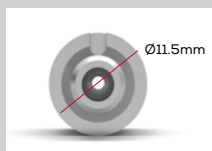
<b>ICX-System®</b>	Ø3.3 Ø3.45 Ø3.75 Ø4.1 Ø4.8
<b>Astra®</b>	Ø3.5/Ø4.0 Ø4.5/Ø5.0
<b>Camlog®</b>	Ø3.3/Ø3.8/Ø4.3
<b>Nobel®</b>	NP Ø3.5 RP Ø4.3/Ø5.0
<b>XIVE®</b>	Ø3.4 Ø3.8 Ø4.5
<b>STRAUMANN®</b>	NC Ø3.3 RC Ø4.1/Ø4.8

The products/trademarks named with ® are registered trademarks and/or trademarks of the respective manufacturer.

Our ICX preform abutments are available in the ICX-Shop!

Available diameters:

Ø11.5mm + Ø11.8mm + Ø16mm



Our ICX preform abutment series is constantly being constantly supplemented by further systems. Inform yourself in our ICX shop online!



Please note for the respective system to use the intended scanbody for the respective system!

For further information please refer to our website or through the telephone advice our service hotline.



Simply scan and visit our ICX preforms online!

SCAN ME



... the CAD/CAM milling centre from medentis ...



SCAN ME

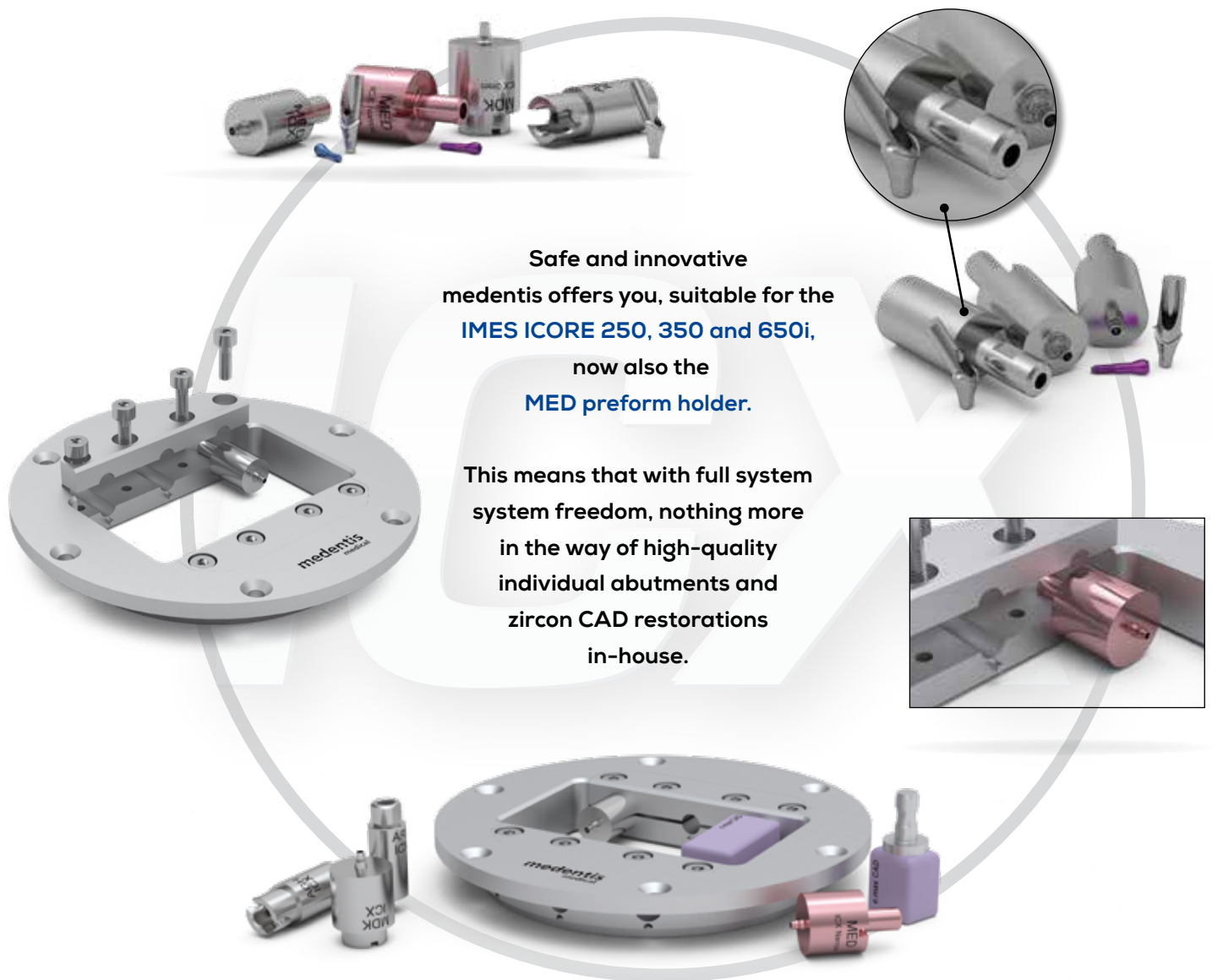
Simply scan  
and visit our  
ICX preforms  
online!

### MED PREFORM HOLDER FOR THE ICX SYSTEM

medentis has set itself the goal of implementing new technical innovations  
and to make care for a variety of different systems accessible to our customers. .

Safe and innovative  
medentis offers you, suitable for the  
**IMES ICORE 250, 350 and 650i,**  
now also the  
**MED preform holder.**

This means that with full system  
system freedom, nothing more  
in the way of high-quality  
individual abutments and  
zircon CAD restorations  
in-house.



COMPATIBLE WITH CAM SOFTWARE:

 HYPERDENT

 DENTAL SOFTWARES

 ICAM V5

Further systems on request!

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## MEDENTIS CAD LIBRARY

With the ICX database, medentis enables you to design a multitude of prosthetic solutions effectively and in a manageable way.

Our database is available for the following CAD programs:

→ exocad **exocad**

→ 3shape **3shape**

via:

**<https://medentis.com/icx-service/download-cad-data/>**

The scan bodies required for the respective implant systems are available from our Online-Shop **[www.icx-shop.de](http://www.icx-shop.de)**



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### ICX-DENTA5 UPLOADMANAGER

The newly developed data upload provides you with a wide range of options, to enter designed plans in an order and to transmit them digitally to our milling centre.

The operation is user-optimised, guides you step-by-step through all the functions and provides assistance with the materials at ICX-denta5.










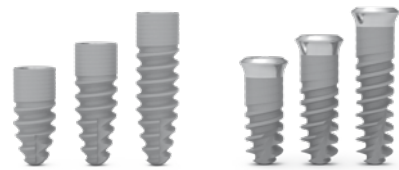
Through our own customer portal, you have the possibility to call up the status of your design to be produced, so that you are always up to date.



Simply scan  
and visit the ICX-DENTA5  
upload manager online!

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## ICX-DIGITAL SYSTEM OVERVIEW

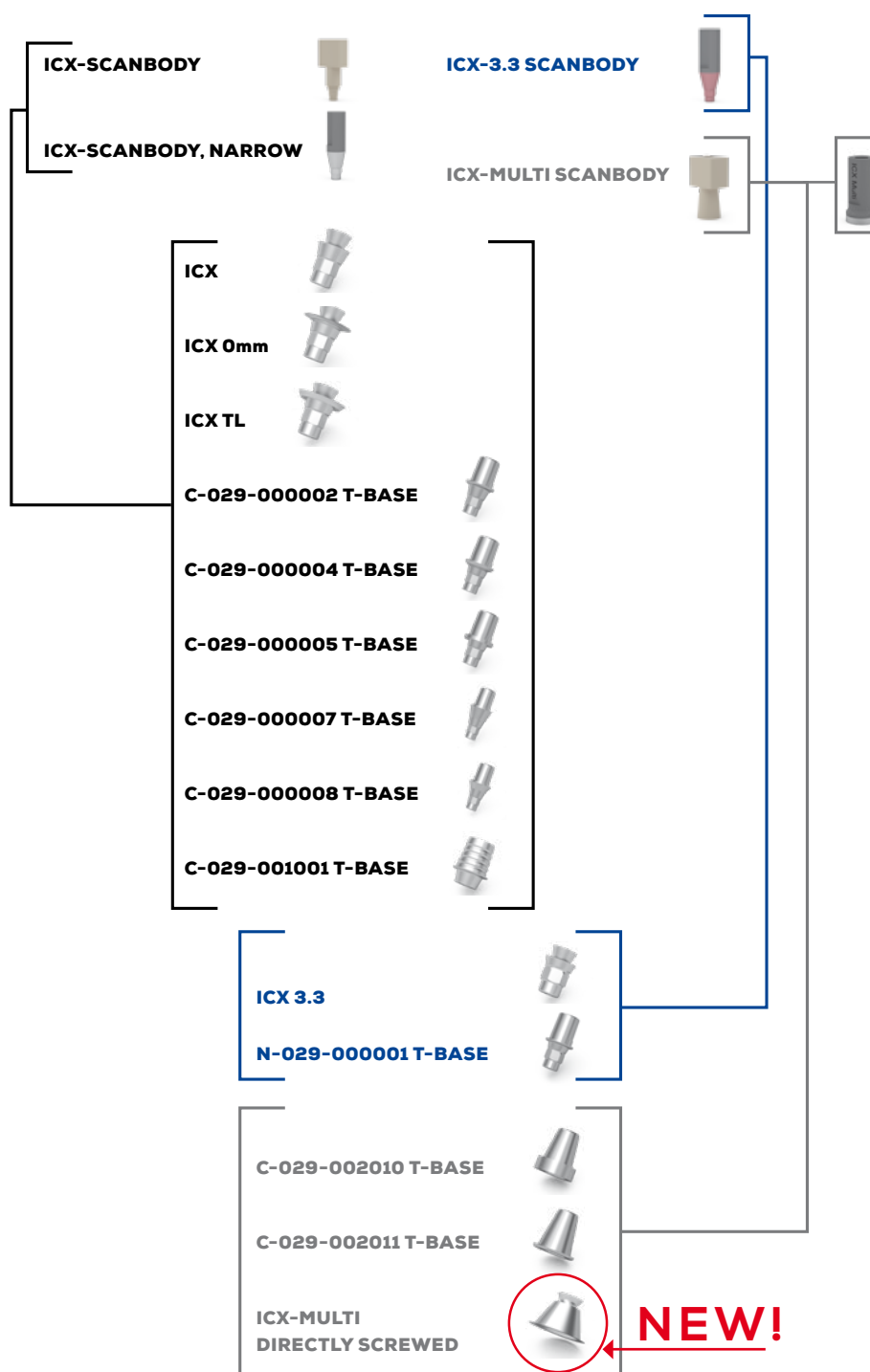
<p><b>Transfer</b></p> <p>Scan body Model</p>  <p>Intraoral scan and model scan</p> 	<p><b>ICX-Connection Abutment</b></p> <p>ICX-Standard-Connection</p> <p>ICX-0mm-Connection</p> <p><b>ICX-Adhesive bases</b></p> <p>T-Base 0mm, 0.5mm, 1.5mm, 2.5mm</p> <p>Bridging adhesive base</p>  <p><b>ICX-Connection Abutment</b></p> <p>ICX-Standard-Connection</p> <p>TL-Abutment Connection <b>Only for ICX-TL implant</b></p> <p><b>ICX-Klebebasen</b></p> <p>T-Base TL ICX-Adhesive base <b>Only for ICX-TL implant</b></p> 
<p>Scan body Intraoral scan and model scan</p>  <p><b>ICX-3.3</b></p>	<p><b>ICX-Connection Abutment</b></p> <p>ICX-Standard Abutment Connection</p> <p><b>ICX-Klebebasen</b></p> <p>T-Base 0.5mm</p> 
<p><b>MULTI-Scan body</b></p>  <p>Intraoral scan and model scan</p> 	<p><b>ICX-MULTI-System</b></p> <p><b>ICX -MULTI-Connection</b> with adhesive bases (recommen- dation for tension-free fit)</p> <p><b>ICX-MULTI Direct-Connection</b></p>  <p><b>ICX-PREMIUM</b> Ø 3.45mm, Ø 4.1mm, Ø 4.8mm Implants (BL)</p> <p><b>ICX-ACTIVE-MASTER</b> Ø 3.45mm, Ø 4.1mm, Ø 4.8mm Implants (BL)</p> <p><b>ICX-PREMIUM</b> Ø 3.3mm Implants (BL+TL)</p> <p><b>ICX-ACTIVE-MASTER</b> Ø 3.3mm Implants (BL+TL)</p> 



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## ICX-DIGITAL SYSTEM OVERVIEW

### Exocad structure medentis medical



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## ICX-DENTA5 SUPPORT

- ➡ Support by experienced and experienced dental technicians during the  
Service hours Monday to Friday from 7:30 a.m. to 7:00 p.m.
- ➡ Use of high-precision scanners and milling machines
- ➡ Safety through compliance with all material-specific parameters
- ➡ Design proposal incl. 3D views
- ➡ Service-oriented, as well as a fair price-performance ratio



... the CAD/CAM milling centre from medentis ...

### SERVICE HOTLINE:

Telephone support and advice at:

**+49 (0)2641 9110-0**

Monday - Friday, 07:30 a.m. - 7:00 p.m.

E-mail: [info@denta5.de](mailto:info@denta5.de)

medentis medical GmbH  
Walporzheimer Str. 48-52  
53474 Bad Neuenahr-Ahrweiler  
Deutschland/Germany

[www.medentis.de](http://www.medentis.de)



Simply scan  
and visit  
ICX-DENTA5  
online!

**BE SMART. BE ICX.**

**medentis**  
medical



**ICX** THE FAIR  
PREMIUM  
IMPLANT-  
SYSTEM.

# ICX-DENTA5®

September 2022

THE 5-AXIS DENTAL MILLING CENTRE FROM MEDENTIS.

DEMAND. QUALITY. VALUE.



*EXPERIENCE THE ICX EFFECT.*

CATALOGUE 02/2022

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medical

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