MPS
Multi Platform Systems

IN A
NUTSHELL
MEDENTiKA® in one sentence!

Is that possible? 

MEDENTiKA® supplies dental technicians, dentists and patients with an attractive system of precise implants and durable abutments, compatible with all popular manufacturers.

Anyone who meets MEDENTiKA® personnel will get to know a team. A team that since the foundation of the company collectively contributes knowledge and experience. A team that perfects products with élan – on a daily basis and with passion.

The most important thing for us is primarily fair cooperation. This is how we have thought since the foundation of MEDENTiKA®. This is also how we will form partnerships in the future: on equal terms, openly and completely transparent.

We’d like to begin with an open word: With all of our strategies, undertakings and developments we have had no greater a concern than your freedom of choice with a transparent price policy! This is exactly what we are providing. You always have the choice: Do you want to be dependent on a system? Or are you ready for an alternative, which is constantly compatible, very precise and also economically sound?

We manufacture extremely precise and durable abutments in-house, which are compatible with all popular manufacturers as well as four of our own implant systems. We do this to the highest technical level, as we would like to ensure that things last. With this we mean not only our precision components but also our mutual business relationships, your economic freedom and ultimately the health and wellbeing of the patient.
Regardless of whether hybrid abutments on titanium bases, customised titanium abutments or multi-unit bridges and bars of the MPS-Line (Multi Platform Systems) and the IPS-Line (Implant Systems); with MEDENTiKA® you have the most diverse possibilities of fabricating your prosthetic restorations functionally and highly precisely.

Are there custom products?

MedentiCAD bridges and bars provide you with the option of creating customised, multi-unit CAD/CAM fabricated bar and bridge restorations on MedentiBASE abutments. You can choose between bar and bridge restorations screw-retained directly on MedentiBASE abutments or bar and bridge restorations screw-retained with MedentiBASE adhesive caps for a passive fit. The existing CAD system can be used in combination with our free MedentiCAD library for bridges and bars for this, without having to make further investments. You send the bridge or bar design you have created via the MedentiCAD log-in area. After receipt of the design data, the designed bridge or bar is manufactured to the highest precision and delivered to you.

MEDENTiKA® titanium bases: Compatible with different indications and implant systems.

Custom one-piece abutments: Design independently or contour manually.

With MedentiBASE and Multi-unit abutments: Create multi-unit bar and bridge restorations. Design digitally or contour manually.

With MedentiCAD bridges and bars: Fabricate multi-unit CAD/CAM produced bar and bridge restorations.
Anyone who works with materials from MEDENTiKA® is in safe hands. MEDENTiKA® not only assumes lifetime responsibility for the quality and durability of MEDENTiKA® and MedentiCAD abutments manufactured and supplied by MEDENTiKA® but also provides a guarantee on implants of other manufacturers used with the abutment – approved by us for combination. This extension primarily takes effect if other manufacturers limit the guarantee of their implant because it has been combined with an abutment from MEDENTiKA®.

**MEDENTiKA® PRODUCTS INCLUDED IN THE MEDENTiKA® GUARANTEE**

<table>
<thead>
<tr>
<th>IMPLANT</th>
<th>ABUTMENT</th>
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<tbody>
<tr>
<td>3 years guarantee</td>
<td>MedentiLOC Abutment, replacement by an equivalent MedentiLOC abutment*</td>
</tr>
<tr>
<td>10 years guarantee</td>
<td>Novaloc/Optiloc Abutment, replacement by an equivalent Novaloc/Optiloc abutment*</td>
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<tr>
<td>lifetime guarantee</td>
<td>Replacement with an equivalent implant</td>
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<td>lifetime guarantee</td>
<td>Replacement with an equivalent metal abutment</td>
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<td>lifetime guarantee</td>
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* except matrices and inserts, as these are subject to natural wear.

You will find our guarantee conditions on the website www.medentika.com
Our range in detail
**MPS MULTI PLATFORM SYSTEM**

Our products are created by innovative strength. And by creative development, detailed expert knowledge and exact marketing skills. All MPS-implant components and abutments are compatible with conventional systems on the market.

<table>
<thead>
<tr>
<th>MPS</th>
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</tr>
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<tbody>
<tr>
<td><strong>B-Series</strong></td>
<td>compatibel with Bredent Medical</td>
</tr>
<tr>
<td><strong>BS-Series</strong></td>
<td>compatibel with BEGO Implant Systems</td>
</tr>
<tr>
<td><strong>C-Series</strong></td>
<td>compatibel with Altatec</td>
</tr>
<tr>
<td><strong>CX-Series</strong></td>
<td>compatibel with Medentis Medical</td>
</tr>
<tr>
<td><strong>D-Series</strong></td>
<td>compatibel with Altatec</td>
</tr>
<tr>
<td><strong>E-Series</strong></td>
<td>compatibel with Nobel Biocare</td>
</tr>
<tr>
<td><strong>EV-Series</strong></td>
<td>compatibel with Dentsply Implants</td>
</tr>
<tr>
<td><strong>F-Series</strong></td>
<td>compatibel with Nobel Biocare</td>
</tr>
<tr>
<td><strong>H-Series</strong></td>
<td>compatibel with BIOMET 3i</td>
</tr>
<tr>
<td><strong>I-Series</strong></td>
<td>compatibel with BIOMET 3i</td>
</tr>
<tr>
<td><strong>K-Series</strong></td>
<td>compatibel with Nobel Biocare</td>
</tr>
<tr>
<td><strong>L-Series</strong></td>
<td>compatibel with Straumann</td>
</tr>
<tr>
<td><strong>N-Series</strong></td>
<td>compatibel with Straumann</td>
</tr>
<tr>
<td><strong>OT-Series</strong></td>
<td>compatibel with Osstem Implant</td>
</tr>
<tr>
<td><strong>T-Plus Implant Tech</strong></td>
<td>A+ Implant</td>
</tr>
<tr>
<td><strong>R-Series</strong></td>
<td>compatibel with Zimmer Dental</td>
</tr>
<tr>
<td><strong>BioHorizons</strong></td>
<td>Tapered Internal Plus</td>
</tr>
<tr>
<td><strong>HiOssen Implant</strong></td>
<td>Tapered Tissue Level</td>
</tr>
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</tr>
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<td>compatibel with DENTSPLY Implants</td>
</tr>
<tr>
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<td><strong>Y-Series</strong></td>
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Please note that our product range is not available in every country!

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*is a registered trademark of an independent third party

**Implant pick up Open tray/Closed tray**

The impression is taken with prefabricated, highly precise and rotationally secure implant pick-ups for the open/closed impression technique. The implant pick-ups are color-coded according to the color of the implant manufacturer.

**Laboratory implants**

The model is fabricated using prefabricated, highly precise, rotationally secure laboratory implants made of stainless steel, which are inscribed for better differentiation.

The laboratory implants are color-coded according to the color of the implant manufacturer.

**Laboratory implants CADCAM**

Highly precise repositionable, radially and axially absolutely positionally stable laboratory analogues specially developed for printed models for the digital impression.

The laboratory implants CADCAM are color-coded according to the color of the implant manufacturer.

**Abutment screws**

**Laboratory screws**
Temporary abutments

Temporary abutments are ideal for easy, quick fabrication of multi-unit temporary restorations. The equally extremely reasonable purchase price of these abutments makes them even more attractive.

Temporary abutments rotating

Rotating temporary abutments are ideal for easy, quick fabrication of multi-unit temporary restorations. The equally extremely reasonable purchase price of these abutments makes them even more attractive.

Standard abutments straight/angled

Standard abutments are ideal for cementable crowns and bridges in the aesthetically demanding region. The choice of two gingival heights reduces customised modifications in the shoulder area and shortens the processing time. Standard abutments are available in straight and angled designs.

Castable gold abutments

The castable gold abutment has versatile applications. Occlusally screw-retained single crowns, customised abutments for cementable bridge restorations and primary crowns for the compensation of implant divergences in telescope restoration work can be fabricated with the aid of the cast-on technique. The castable gold abutment consists of a prefabricated, cast-on platform made from high-fusing precious metal alloy and a screw chimney made from non-residual burnout plastic.

Castable gold abutments rotating

Occlusally screw-retained, multi-unit restorations can be fabricated with the aid of the cast-on technique. The rotating castable gold abutments consists of a prefabricated, cast-on platform made from high-fusing precious metal alloy and a screw chimney made from non-residual burnout plastic.

CoCr Abutments

Non-precious metal cast-on? No Problem!

The new CoCr abutments from MEDENTiKA® open up new, efficient treatment options. You can simply and cost-effectively cast on non-precious-metal alloys.

• available for all relevant implant brands and various platforms,
• for non-ferrous metals with a liquidus temperature up to 1420 degrees celsius
• precise cast-on section
• less expensive than castable gold abutments

CoCr Abutments rotating

allowing fabrication of multi-unit restorations

Solid abutments straight/angled

The solid abutment can be used for cementable crown, bridge and telescope restorations. It consists of a titanium alloy and can be custom trimmed. This allows compensation of divergences of the implant axis by appropriate adaptation of the shape.
Titanium bases for cirkonia abutment
MEDENTiKA® titanium bases – original diversity ensures excellent prosthetics. MEDENTiKA® titanium bases are compatible with very different indications and are available for all conventional implant systems. MEDENTiKA® titanium bases are always original – regardless of whether they are used as rotating titanium bases for multi-unit restorations or indexed titanium bases with a short or long chimney for single-tooth restorations.

Titanium base ASC Flex for angled screw channel
The titanium base for angled screw channel has been developed in particular for prosthetically demanding indications. There exists the opportunity now to place the screw channel orally in the esthetic zone or if there is an unfavorable implant position.

- available for all relevant implant brands and various platforms
- in different gingiva heights
- special screw and screw driver with ball hex to easily tighten in demanding positions.

Titanium bases for bars & bridges rotating
Rotating titanium bases are available in a chimney height of 3.5 mm. They are suitable for the fabrication of multi-unit bridges and bars, either digitally using the original MEDENTiKA® library or for conventional waxing up of the superstructure.

Scanbodies
The scanbodies are suitable for intraoral and conventional use in the scanner. All scanbodies are made from titanium thus ensuring much higher precision and durability. The scanbodies with a special surface treatment can be sterilised and are labeled for better differentiation. The scanbodies are required for using titanium bases and also for designing custom MedentiCAD abutments.

MEDENTiCAD abutments
In only 3 steps to a customised, one-piece abutment:
1. Scanning
2. Design
3. Send data

Variant 1: You work with a CADCAM system from 3Shape, Dental Wings or Exocad. Then you can design your own customised abutments with the aid of our free MedentiCAD library.

MEDENTiCAD modelling bases
Variant 2:
You do not work with a CADCAM system ... no problem! You model your abutment with the aid of our MedentiCAD modelling base and we manufacture it for you.
The PreFace Line from MEDENTiKA® – intelligently developed and conscientiously produced.

PreFace abutments in titanium and CoCr
Highly precise PreFace abutments as milling blanks.
For creating MEDENTiKA® abutments for digital use firstly, a design software from 3Shape, Exocad or Dental Wings is required and secondly the original MEDENTiKA® abutment library for PreFace abutments.

PreFace abutment holder
Considerably more precise fabrication than with conventional holders – due to the innovative, one-piece design. Short processing times – due to simultaneous processing of six blanks in one working cycle. Particularly time-saving working method – due to clamping of the abutment using only one screw in the holder. Maximum protection for the exactly designed implant interface – due to clamping of the abutment only on the face side. Very clear production not prone to errors – due to minimum number of components. Extremely reasonable financial investment – due to the simple design of the PreFace abutment holder and avoidance of expensive wear parts.

PreFace abutment holders are now available for the following machine manufacturers:
- imes-icore®
- Datron D5®
- Wissner Gamma 202®
- Röders RXD®
- Dental Concept DC1/DCS®
- MB Maschinen Cobra Mill®
- vhf camfacture AG®
- Primacon PFM 24 mediMill
- R+K
- Sirona inLab MC X5

The PreFace abutment holders must be ordered directly from the machine manufacturer.
Multi-unit Abutment

The Multi-unit abutment supports a variety of prosthetic restorations. Thus it is ideal for creating patient-oriented individual hybrid restorations or being the base for an individualized restoration in the esthetic zone.

- for all relevant implant brands and various platforms
- in straight and angled configurations 17° und 30°
- in various gingiva heights
- great variety of prosthetic components

MedentiBASE abutments

Using the MedentiBASE abutment you have the option of fabricating the most varied, multi-unit conventional or CAD/CAM manufactured bar and bridge restorations in the upper and lower jaws. You can choose between direct screw-retained bar and bridge restorations or screw-retained bar and bridge restorations with the aid of the MedentiBASE adhesive base for a passive fit.

MedentiBASE abutments are available in 5 different gingival heights.

MedentiBASE prosthetic components

- MedentiBASE titanium cap
- MedentiBASE plastic cap
- MedentiBASE castable gold cap

MedentiBASE titanium base

The MedentiBASE titanium base is available in the chimney height of 3.5 mm. It is suitable for adhesive retention of multi-unit bridges and bars, in particular fabricated using ceramic materials and resin materials. The original MEDENTiKA® library is available for the digital design.

MedentiBASE adhesive cap

MedentiBASE adhesive caps are available in the heights 3.0 mm (short) and 4.00 mm (long). They can be used to fabricate multi-unit, screw-retained bar and bridge restorations for a passive fit using metal materials. The original MEDENTiKA® library is available for the digital design.

MedentiBASE scanbody

The MedentiBASE scanbody can be used for scanning the model situation and digitisation. The MedentiBASE library, which is required for the design of the framework, can of course be obtained from MEDENTiKA® free of charge. This is now available for 3shape, Dental Wings and Exocad.

MedentiLOC abutments straight and angled

The MedentiLOC abutment is highly precise and compatible with the Novaloc matrix system. The MedentiLOC abutment is a particularly attractive economic alternative for the retention of overdentures. The simple approach with the option of administering chairside treatment is also an outstanding feature of the MedentiLOC abutment.

The angled MedentiLOC abutments provide the possibility for the first time of effectively compensating for the divergences between implants.

The MedentiLOC abutments are available in 5 different gingival heights.

NOVALOC matrix system

Novaloc – state-of-the-art technology. The Novaloc matrix system with its newly developed technology is a prefabricated connector for retaining removable restorations on MedentiLOC and Novaloc abutments. The matrix housing is available in titanium and colour-neutral PEEK.
**NOVALOC**

**NOVALOC abutments**
The Novaloc abutment is a further development of our MedentiLOC abutments and provides a completely wear-free, mirror-smooth surface, which is almost as hard as diamond. The smallest possible opening on the head prevents the accumulation of food residue. The angled Novaloc abutments provide the possibility for the first time of effectively compensating for the divergences between implants. Novaloc abutments are available in 5 different gingival heights.

**NOVALOC matrix system**
Novaloc - state-of-the-art technology. The Novaloc matrix system with its newly developed technology is a prefabricated connector for retaining removable restorations on MedentiLOC and Novaloc abutments. The matrix housing is available in titanium and colour-neutral PEEK.

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**RETENTION INSERTS**
Retention inserts made from PEEK high-performance plastic are manufactured with extreme precision and can optimally absorb lateral pressure thanks to the patented design.

**OUTSTANDING HANDLING**
Retention inserts can be inserted and removed within 5 seconds. Accessories such as the very low impression matrix or easy-to-use matrix housing extractor provides stress-free handling.

**DIVERGENCE COMPENSATION**
In combination with the angled Novaloc abutments you can compensate for divergences of up to 70° between the implants.

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**OPTILOC**

**OPTILOC abutments**
The Optiloc abutment combines the advantages of the Novaloc abutment with the minimal space requirements of the ball attachment. It provides a completely wear-free, mirror-smooth surface, which is almost as hard as diamond. Optiloc abutments are available in 5 different gingival heights.

**OPTILOC LATEST TECHNOLOGY**
The Optiloc matrix system with its newly developed technology is a prefabricated connector for retaining removable restorations on Optiloc abutments. The matrix housing is available in titanium + colour-neutral PEEK. This offers considerable advantages thanks in particular to the minimal size. Retention inserts made from PEEK high-performance plastic are manufactured with extreme precision and can optimally absorb lateral pressure thanks to the patented design.

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**MINIMUM SIZE**
Slimmer than the market leader, more retentive than ball attachments. Optimum dimensions now also allow the matrix to be placed where only minimum space is available.

**FREEDOM OF MOVEMENT**
The Optiloc matrix allows small movements of the denture without disengaging the restoration. Unlike other matrix systems, however, the Optiloc always returns to the initial position.

**DIVERGENCE COMPENSATION**
The Optiloc matrix system can be used to compensate for divergences of up to 40° between the implants.
Planning abutments

Our planning abutments are available for all series. They are machined from aluminium and are anodised for easier differentiation.

Torque ratchet

Torque ratchet with infinitely variable torque up to max. 40 Ncm. Hardened stainless steel.

Inserts for laboratory screwdriver and ratchet as well as for contra-angle

We provide placement instruments compatible with all conventional implant systems.

These are available in two different lengths and also for manual and ratchet use as well as with an ISO shank for use in a contra-angle handpiece.