Individual Prosthetics

Central milling on Neoss

neoss.com

Intelligent Simplicity
Neoss digital solutions

Continuous developments in hardware, software, manufacturing processes and materials are creating new opportunities for clinical and laboratory workflows. Neoss has taken an open platform approach and integrated the Neoss system into your daily planning, surgical and design software. The aim is to support your adaptation to new processes and utilize any existing investments into software and equipment.

Neoss is continually expanding the options available for digital process steps such as scanning of implant positions, design of prosthetics and production alternatives centrally and locally.

Prosthetic range

Neoss offers a simple and reliable solution of implant-supported abutments, bridges and bars, which in addition to the proven Neoss Implant System are compatible with implants of other manufacturers.

- Available in Titanium, Cobalt Chromium and Zirconia (Individual Abutment, VITA Classic Shades A1-D4)
- Angulated screw access solution with the iGO screw connection for all material options
- All individual abutments for Neoss implants are produced from pre-made blanks for highest accuracy
- Abutment screws with the Crystaloc™ surface facilitate high clamping force for long-term clinical function
- Suitable for veneering with composite or porcelain
- Fixed-removable restorations with attachments are possible (PRECI-VERTIX®, PRECI-HORIX® and Equator)
- Libraries for all major design software with integrated soft tissue profiles matching Neoss Esthetiline shapes

Neoss utilize central milling facilities located in Sweden – Arc – a Neoss group company – and also offer solutions for local and in-house milling by providing products such as blanks for metal abutments and NeoLinks for ceramic abutments.

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<th>Platform</th>
<th>Individual Abutment</th>
<th>Bridge</th>
<th>Bar</th>
<th>Scan Bodies</th>
<th>Model Analogs</th>
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Central milling

Arc with 10+ years of experience in milling customized dental products for Neoss and all major implant systems, provides excellent service levels and delivers high-quality fabrications including angulated screw channels. Arc products are delivered in a timely manner with the option to choose express delivery.

Prosthetic design options

Libraries

Neoss has developed design libraries for 3Shape, Exocad and Dental Wings software to enable you to create your digital prosthetic design for Neoss. A range of different Scan bodies for intra-oral scanning together with Model Analogs for use with printed or milled models from external sources are incorporated into libraries. Libraries together with the installation guidelines are available for download on www.neoss-cadcam.de.

Angulated screw channel

The Neoss angulated screw access solution with the iGO screw provides the freedom to design screw channels with up to 25° angulation and 360° rotational freedom improving handling and esthetics of the restoration.

Esthetiline

This soft tissue esthetic solution from Neoss with anatomical margins, is incorporated into Neoss data libraries to provide seamless design and anatomical fit from healing abutments to final restorations.

Digital impressions

Neoss Intra-Oral Scan Bodies

- Single and multiple teeth
- Intra-oral and desktop
- Scanners and design software - compatible with most available scanners and design software including 3Shape, Exocad, Dental Wings using Neoss libraries.

Esthetic Healing Abutments with ScanPeg

- Single tooth
- Intra-oral
- Five different anatomical profiles
- Scanners and design software - compatible with most available scanners and design software including 3Shape, Exocad, Dental Wings using Neoss libraries.
How it works

After customer account registration, the order is placed at the website – www.neoss-cadcam.de or www.arcsolutions.se (Nordic countries only), with either the digital files attached or the physical model sent by courier to the relevant Neoss Scan centre.

Neoss offer a quick and reliable scan and design service for those laboratories without a recommended scanner. This service is not available on all markets, please contact your Neoss Representative for more information.

Scan (and design) centres per market:

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<th>Market</th>
<th>Scan and design centres</th>
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<tr>
<td>Nordic and other countries (scan)</td>
<td>Arc Solutions AB Box 3011 SE-250 13 Helsingborg Sweden T +46 42 3017440</td>
</tr>
<tr>
<td>Australia and New Zealand (scan)</td>
<td>Neoss Scan Centre Neoss Australia Pty. Ltd PO Box 404 New Farm QLD 4005 Australia T +61 7 3216 0165 F +61 7 3216 0135</td>
</tr>
<tr>
<td>Germany, Austria and UK (scan and design)</td>
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