

all digital all options

WIELAND
ZENOTEC[®] mini
The compact milling system



***Your entrance
into the
digital world***

ivoclar
vivadent[®]
passion vision innovation

Customized digital solutions for every laboratory



Preparing



Scanners and Software



Material Selection



Milling



Finishing



Service and Training

Ivoclar Vivadent offers an extensive CAD/CAM system for fixed and removable prosthetics that comprises products and services for the entire digital processing chain. Dental laboratories have a wide choice of fully coordinated products including scanners, materials and equipment. The system is complemented by a comprehensive range of services. As a result dental laboratories benefit from optimized workflows and maximum productivity and flexibility.



WIDE RANGE OF MATERIALS

The Zenotec mini system features coordinated materials that cover a broad and comprehensive spectrum of indications. The materials range spans from zirconium oxide to acrylic resin (PMMA, PU), CoCr and wax.

MATERIALS*

- Zenostar®
- Zenotec® Zr Bridge
- Telio® CAD for Zenotec
- Zenotec® PMMA Cast
- Zenotec® Model
- ProArt Wax Disc for Zenotec (blue, yellow)
- Zenotec® NP



* The range of products on offer may vary from country to country. For more information, please get in touch with your Ivoclar Vivadent contact person.

Zenotec® mini

The compact milling system

High-tech does not have to be supersized. The very compact Zenotec mini milling system simply beams with efficiency and quality. It enables dental laboratories to make a professional entrance into digital fabrication. Switch on and get started!



UNIVERSALITY AND FLEXIBILITY DUE TO 6-POSITION TOOL CHANGER

The 6-position tool changer, which is located directly at the work piece, allows tools to be changed fully automatically. In addition, the system features an automatic tool length and breakage detection system.



LONGEVITY AND PRECISION

The long lasting, top-quality high-frequency spindle features a precision spindle axis bearing. This ensures first-class surface quality and high feed rates.



4-AXIS OPERATION

The 4-axis simultaneous milling protocol makes the Zenotec mini suitable for all jobs in the lab. The Harmonic Drive gearing provides very good concentricity of the axis of rotation.



TOOLS

The milling and grinding tools have been developed specifically for Zenotec mini. They are characterized by durability and versatility.

TECHNICAL SPECIFICATIONS

Dimension in cm (w x h x d)	40 x 42 x 38
Weight	45 kg
Milling stations	1 (dry)
Type of drive (maintenance-free)	Precision ball-screw spindle drive
Spindle (rpms)	Up to 60,000
Tool positions	6
Voltage/frequency/ power requirement	230 V / 50 Hz / 2 A
Nominal output	240 W
Compressed air connection	min. 7 bar
Remote maintenance	✓
Range of materials	Zirconium oxide, acrylic resin, wax, CoCr
Indication	Bridges with up to 14 units, depending on the material
Automatic tool measurement with breakage detection	✓
Automatic numerical control of all 4 axes	✓



Zenotec® mini

DIGITAL PRESS PROCESS

Zenotec mini is ideally adjusted to the processing of the ProArt Wax Disc for Zenotec Yellow. This wax disc was especially optimized for the pressing technique and thus enables the efficient high-precision fabrication of wax components that are subsequently invested and pressed.

The machining of IPS e.max® Press Multi-restorations is optimized with the „Digital Press Design – Press Multi“ software add-on. This innovative CAD software automatically positions the sprues and allows an individual controllable gradient. As a result, the combination of Zenotec mini, the Programat® press furnaces and IPS e.max Press Multi permits the fabrication of high-quality, esthetic restorations using the efficient digital workflow.



Zenotec® mini



ProArt Wax Disc
for Zenotec Yellow



IPS e.max® Press Multi



Programat® EP 5010



IPS e.max® Press restoration

all digital – all options

Customized digital solutions for every laboratory



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LEARN MORE:
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Manufacturer:

Wieland Dental+Technik GmbH & Co. KG
Lindenstr. 2, 75175 Pforzheim, Germany
Tel. +49 7231 3705 0
www.wieland-dental.de

Distributor:

www.ivoclarvivadent.com/distributoren

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