Chairside Duo

The game changer: time saving, more precise, easy to integrate

Orange-Scan

- Intraoral 3D-scanner
- Fast scan times and high edge accuracy
- Wireless or with cable
- Optional with cart

Two TOP innovations:

Chairside Duo WET:

NEW

Automated data transfer:

database

byzz® Nxt

+

design

exocad

Chairside

+

fabrication

Authorised Hexagon reseller of:
WORKNC DENTAL
HEXAGON

Chairside Duo DRY:

EASY Mill4

- Wet processing
- 4 axes
- Perfit FS NEW

Fully sintered zirconia processed below 60 min, no additional sintering furnace required

- Suitable for all block materials

EASY Mill5

- Dry processing
- 5 axes
- Blanks + block of soft materials, suitable for presintered zirconia

orangedental
premium innovations

EASY Mill4

A new approach in Chairside

EASY Mill4 redefines chairside restorations, because we know what matters in your practice:

- Easy to operate due to e.g. simple spindle opening for all practice staff
- Open workflow or automated data transfer when using **byzz® Nxt** (database), **exocad chairside** (design) and **WorkNC** (fabrication)
- Integration of the fully sintered zirconium oxide **Perfit FS** with less than 30 min processing time for a crown (no additional sintering process required). **EASY Mill4** consists of strategies and cooling fluids designed to maximize **Perfit FS** outcome.

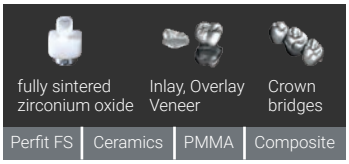
4-axis wet grinding machine

- Suitable for all block materials incl. **Perfit FS**
- Small and compact design
- Box-shaped structure with high rigidity
- Ethernet or USB conncetion
- Extensive detection and warning functions
- CAM WorkNC software

Perfit by vatech

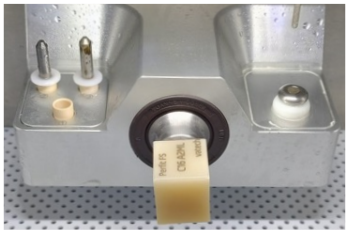
No sinter oven needed

In general, after the Lithium disilicate types are grinded, firing process must be required in the porcelain furnace for approximately 20 to 30 minutes.
It is called a crystallization process however, **Perfit FS** a fully sintered zirconia block, needs no additional firing process after grinding.



Don't be limited

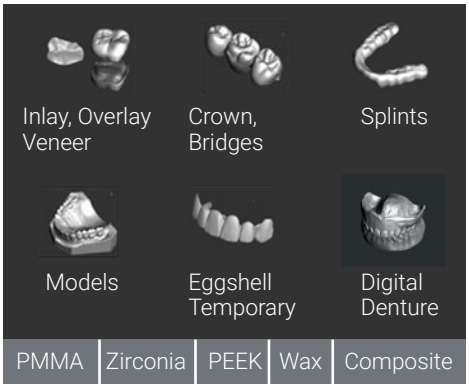
Perfit FS can be grinded thinner than other glass ceramics, so it needs 33 % less tooth preparation having wide range of indications and therefore supports a minimal invasive approach.



EASY Mill5

5-axis dry milling machine

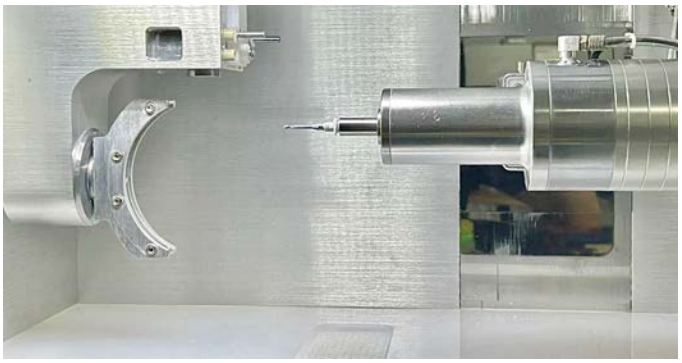
- For blanks and blocks, for soft materials like composites, PMMA, presintered zirconia, wax, hybrid materials
- Small and compact design
- Box-shaped structure with high rigidity
- Ethernet or USB connection
- Extensive detection and warning functions
- CAM WorkNC software



Increasing your material spectrum

EASY Mill5 is the perfect concept to mill soft materials of various types like presintered zirconia, temporaries and splints. It also increases production and gives more freedom by the option to use blanks or blocks.

EASY Mill5 offers a C milling strategy to mill for example perfectly finished anterior temporaries.



C-holder for high aesthetic demands in the anterior region.

High-quality cabinet with lots of storage space.

Technical specifications

	EASY Mill4	EASY Mill5
Travel X axis	55 mm	135 mm
Travel Y axis	50 mm	98 mm
Travel Z axis	45 mm	98 mm
Travel A axis	0 to 180 degrees	+30/-45 degrees
Travel B axis		+/- 360 degrees
Ball screw (long-term lubricated)	Ø 10 x 3 mm	Ø 10 x 3 mm
Clamping system	pneumatic 4 bar	manual screw
Repeatability	< 0,008 mm	< 0,008 mm
Automatic tool length measurement	+/- 0,01 mm	+/- 0,01 mm
Minimum input value	0,001 mm	0,001 mm
Stepper closed loop system	0,5 Nm	0,5 Nm
Encoder	1.000 p/r	1.000 p/r
HF spindle	1.000 ~ 60.000 RPM, 400 Watt	1.000 ~ 60.000 RPM, 400 Watt
HFS max. tool diameter	Ø 4,0 mm	Ø 4,0 mm
Number of tools in the tool changer	3 pieces	4 pieces
Flushing medium tank	8 liter	
Flushing pump	0,5 l/min	
CNC controller	PC base WIN CE6	PC base WIN 10
Maximum connected load	1,2 kVA	1,25 kVA
Electric current fuse size	Fuse carrier 1x16 A	Fuse carrier 1x16 A
Electrical connection	230V / 50/60Hz	230 V / 50/60Hz
Max. Power grid fluctuation	+/- 5 %	+/- 5 %
Noise level (depending on the material to be milled)	50 - 58 dB (A)	50 - 58 dB (A)
Compressed air connection	>20 l/min at 6,5 bar	>40 l/min at 6,5 bar
Other connections		
Floor space	500 x 600 mm	500 x 600 mm
Weight of the machine	40 kg	48 kg
Dimensions of the machine	465 x 490 x 370 mm	500 x 410 x 435 mm

Powered by

byzz® Nxt

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HEXAGON

exocad
Chairside

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Tel.: +49 (0) 7351 . 47499 . 0
Fax: +49 (0) 7351 . 47499 . 44

info@orangedental.de
www.orangedental.de

Aspachstraße 11
D- 88400 Biberach

orangedental
premium innovations