INTERDENT®

CAD/CAM System

EN

CONTACT

Contact:
T: +386 (0)3 425 62 00
E: info@interdent.cc

Export:
T: +386 (0)3 425 62 20
E: m.krajinovic@interdent.cc

CAD/CAM Center:
T: +386 (0)3 425 62 43
E: cadcam@interdent.cc

Servis:
T: +386 (0)3 425 62 06
E: servis@interdent.cc

Education center:
T: +386 (0)3 425 62 14
E: i.brezovsek@interdent.cc

The headquarters of Interdent, Celje, Slovenia.

Production facilities Interdent, Gornji Grad, Slovenia

Interdent Slovenia
T: +386 (0)3 425 62 00
E: info@interdent.cc

Interdent Czech
T: +420 274 783 114
E: interdent@interdent.cz

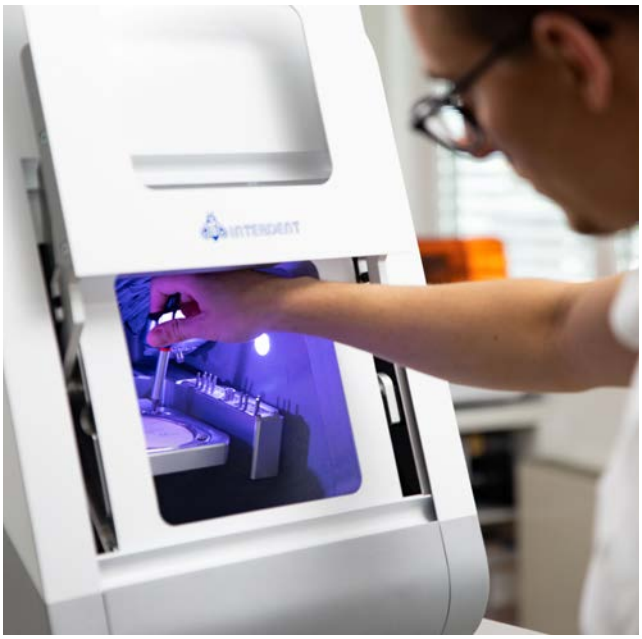
Interdent Croatia
T: +385 (0)1 387 36 44
E: interdent@interdent.hr

Interdent Serbia
T: +381 (0)11 217 53 74
E: office@interdent-bg.com

TABLE OF CONTENTS

INTERDENT CAD/CAM System

With more than 45 years of experience in dentistry where the vision of the company and all employees is to produce quality products and where end user has a decisive importance, company Interdent offers you a complete solution in the CAD/CAM field.



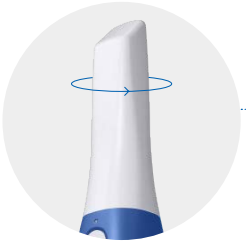
Many years of research, users opinions and preferences as well as mutual cooperation contributed and created efficient milling units **CC LITE, CC newCOSMO, CC TRENDY/CC TRENDY+, CC COOL, CC newCHIC, CC FASHION and CC UNIVERSE,** accurate scanners and excellent materials. Complete offer presents an open system, designed for anyone who wants to introduce advanced technology in their laboratory, which will provide flexibility, accuracy and independence.

With Interdent, easy-to-use advanced technology and excellent material are supported by an expert support that is available to you throughout the entire process, from your wishes and ideas for the purchase to education and quick resolution of any problems occurring in their use.

MEDIT i600

The Brain of the i700 with a Splash of Color. Take full control of your scanning using one button. No need for numerous cables and hubs! Simply Plug & Scan using a single cable for direct connection with a PC.

Detachable Cable



180° Reversible Tip

Scan Start Button

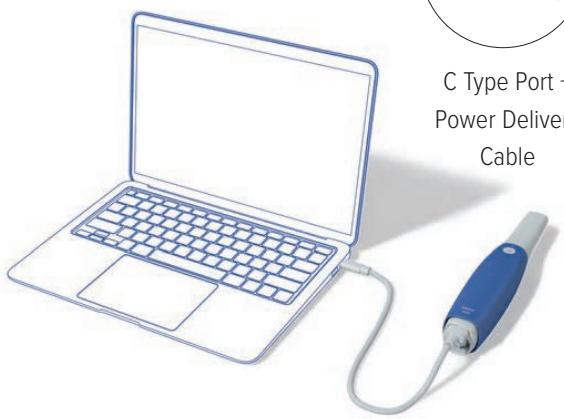
Light
245 g featherweight with improved grip for comfort.

Smooth
Improved speed and optimal scanned images deliver a smoother scanning experience. Smooth like silk, regardless of PC specs.

Vivid
Transmits vivid scan data via the new optical system used in the Medit i700.

Easy Does It All
Medit i600 can be directly connected to the PC using just one cable, eliminating limitations of wired devices between chairs and clinics for a wider scope of treatment using scanners.

C Type Port + Power Delivery Cable



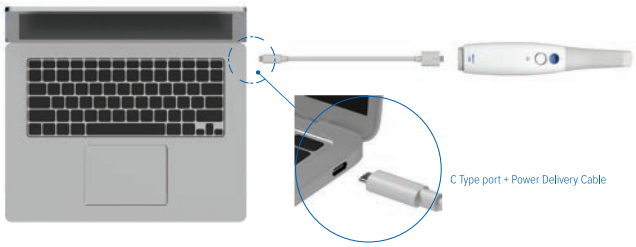
Technical data:

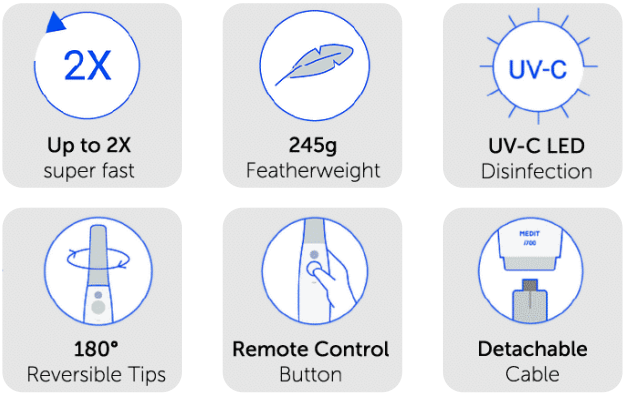
Tip:	22,2 x 15,9 mm (W x H)
Overall handpiece length:	248 mm
Weight:	245 g
Imaging technology:	3D-in-motion video technology
Color:	3D full color streaming capture
Connectivity:	USB 3.1
Scanning FOV:	15 x 13 mm
Scan spray is only needed when scanning metal abutments	

ORDER NR.	
CCIOS600/EU	Intraoral scanner i600
CCTIP700	Intraoral i700 scanning tip, á 4
CCSMALLTIP700	Intraoral i700 scanning tip - small, á 4

MEDIT i700

The Medit i700 makes the scanning experience a comfortable one for both dentist and patient. The Medit i700 is the key to unleash your clinic's full potential, with powerful hardware and intelligent software.





Medit Plug & Scan

The Medit i700 makes the scanning experience a comfortable one for both dentist and patient. The Medit i700 is the key to unleash your clinic's full potential, with powerful hardware and intelligent software.

Advantages:

- Scanning area: 15 x 13mm
- 3D-in-motion video technology
- 3D full color image capture
- Scan speed: up to 70 FPS (frames per second)
- Accuracy: up to 10.9µm ± 0.98 ****
- Detachable cable - 2m
- UV-C LED Disinfection

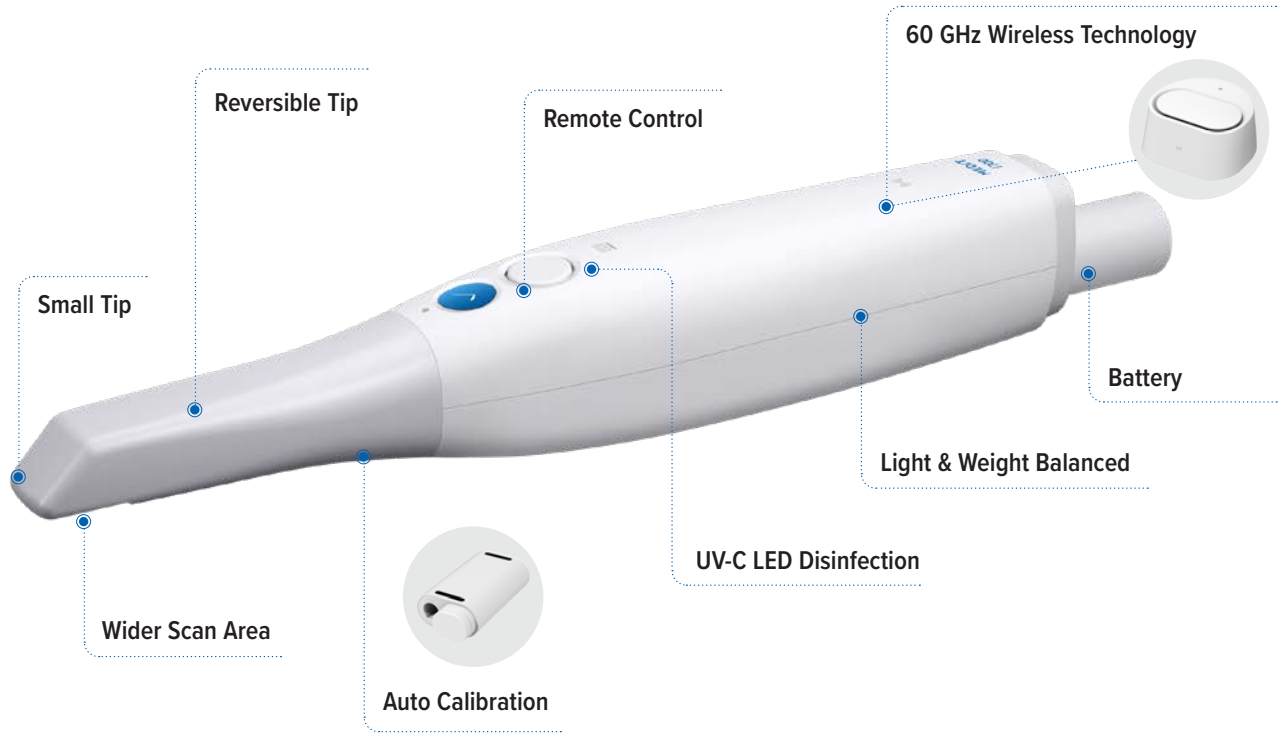
Technical data:

Tip:	22.5 x 17.1 mm (H x W)
Overall handpiece length:	248 mm
Weight:	245 g
Imaging technology:	3D-in-motion video technology
Color:	3D full color streaming capture
Connectivity:	USB 3.1 Gen1
Scanning FOV:	15 x 13 mm
Scan spray is only needed when scanning metal abutments	

ORDER NR.	
CCIOS700/EU	Intraoral scanner Medit i700
CCTIP700	Intraoral i700 scanning tip, á 4
CCUSB3.0I700	USB 3.0 cable
CCCABLEI700	power cable for Intraoral scanner medit i700

MEDIT i700 Wireless

Magic Made Easy with a Simple Touch. Get the power to take your practice to the next level!
Beyond i700's Proven Tech. Still the same super fast, light, and accurate i700.
But now wireless.



No More Wires

Free from wires, scanning is comfortable at any angle. Scan proximal areas effortlessly without constraints in movement.

Supercharged Yet Light

Outstanding weight balance even with a battery attached for added comfort.

Fast, Accurate. Connected

Scanning speed of up to 70 FPS*. You can experience the amazingly smooth and fast scanning performance of Medit's best-selling model. Enjoy the fast speed of the i700 wirelessly, flawlessly.

Powerful Hardware Meets Versatile Software

Optimized for convenience. Not only from hardware aspects, but also software. i700 wireless, packed with the latest of MEDIT technology.

Technical data:

Tip:	22,5 x 17,1 mm (W x H)
Overall handpiece length:	313 mm
Weight:	328 g (includes battery and tip)
Imaging technology:	3D-in-motion video technology
Color:	3D full color streaming capture
Connectivity:	Wireless, USB 3.1
Scanning FOV:	15 x 13 mm
Scan spray is only needed when scanning metal abutments	

ORDER NR.	
CCIOS700W/EU	Intraoral scanner i700Wireless
CCTIP700	Intraoral i700 scanning tip, á 4
CCSMALLTIP700	Intraoral i700 scanning tip - small, á 4

MEDIT T710 / T510 / T310

Reliable, accurate and fast scanners, meeting the highest demands which allows you to export files in an open STL format.

Company Medit designed new T-series scanners. With a powerful scan engine and affordable pricing, the new Medit T710 / T510 / T310 present a perfect fit for both performance enthusiasts and entry level users of CAD/CAM system.

Superfast scanning

Our quality hardware and software work together to bring your lab the fastest scanner in the dental industry. Medit's exclusive, flexible multi-die provides an all-in-one scanning to dramatically increase your productivity.

Extreme reality

Medit T-series scanners capture more details and geometry with higher resolution cameras and merge technology and data processing algorithms.

Importing and exporting STL in any scan step

Read any STL scan data you may already have, and export occlusal scan data when required. Scans and detail-rich images.

Scanner accuracy is where it all starts in CAD/CAM.

4micron, 7 micron and 9 micron: ISO 12836.

Auto-elevation

We got rid of stacking half-jigs to save you the hassle of adjusting your scanning object every time. Let the scanner decide the scanning height for your object with our auto-elevation feature.

High-resolution cameras

Our 5.0MP cameras ensure high-resolution detailed scan data. With the four-camera system, the T710 covers a wide scan area, eliminating any blind spots.

Large open work area allows you to scan larger models and models in articulator.

	Medit T710	MEDIT T510	MEDIT T310
Resolution of camera (Mono)	5.0(MP) x 4	5.0(MP) x 2	5.0(MP) x 2
Point spacing	0.040 mm		
Scan area	100 mm x 73 mm x 60 mm		
Scan principle	Phase-shifting optical triangulation		
Size	505 mm x 271 mm x 340 mm		
Weight	15 kg		
Light source	LED, 150 ANSI-lumens, Blue LED		
Connection	USB 3.0 B Type		
Power	AC 100-240 V, 50-60 Hz		
Accuracy (ISO 12836)	4µm	7µm	9µm
Full arch scan speed	8 sec (7cut)	12 sec (7cut)	18 sec(7cut)
Full arch impression scan speed	45 sec	x	x
Auto-elevation	●	●	●
Color texture	●	●	●
Flexible scanning	●	●	●
Articulator scanning	●	●	Optional
Replica denture	●	Optional	Optional
Orthodontic scanning	●	Optional	Optional
Impression scanning	●	x	x

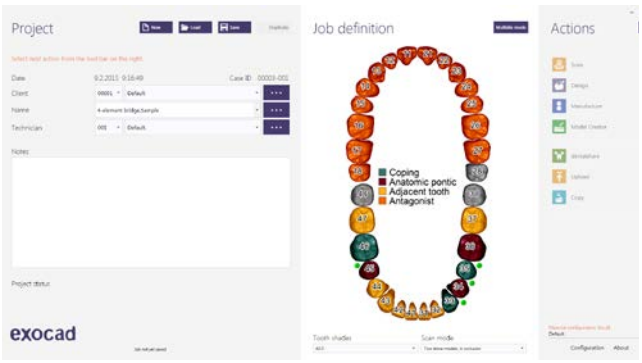
● Included x Not available

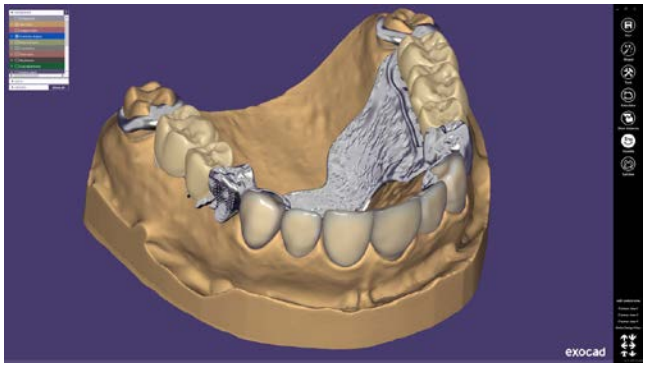
ORDER NR.	
CCT310/EU	T310
CCT510/EU	T510
CCT710/EU	T710
CCARPL/EU	Scanner articulator plate
CCKASJIG/EU	Kas JIG
CCCB/IB/EU	Calibration set
CCFMDJ/EU	Flexible Multidie-die

EXOCAD

Complete software solution in digital dentistry, which allows you fast and easy planning and designing.

With no prior knowledge of the **EXOCAD** basic program version, planning and designing of anatomic crowns and copings, bridge frameworks, inlays, onlays, veneers, primary telescopes, extra - coronal attachments, etc. become a simple process.





EXOCAD is an independent software program, which is open for integration with a wide range of different scanners. For system integrators it is the perfect choice to build up the systems which will fit them the best. **EXOCAD** in integration with Medit T310 / T510 / T710 scanner provides users a verified compatible system.

After completing the planning and designing the data is exported for the milling process in open STL format.

Exocad Advantages:

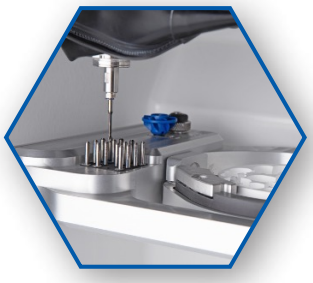
- Open system.
- Speed.
- Easy to use.
- With one click to the preparation.
- Inividual and free design.
- Automatic designing process (via Wizard or Expert).
- Quick gingiva designing for implant cases.
- Open implant and attachment library.
- Variety of «Cut-back» options for full anatomic and hybrid constructions.

ORDER NR.			
CCEXOCHAIRSIDE	Exocad Chairside CAD Core version	**STCCEXOMODELC**	Exocad module Model Creator
CCEXOSTANDARD	Exocad Dental CAD Core version	**STCCEXOSMILECR**	Exocad module Smile Creator
STCCEXOVIRART	Exocad module Virtual Articulator	**STCCEXOFULLDENT**	Exocad module Full Denture
STCCEXOPROVIS	Exocad module Provisional	**STCCEXOPARTIAL**	Exocad module PartialCAD
STCCEXOTS	Exocad module TrueSmile	**STCCEXOBITESP**	Exocad module Bite Splint
STCCEXOTLS	Exocad module Tooth library set	**STCCEXOJMI**	Exocad module Jaw Motion import
STCCEXOIMPLANT	Exocad module Implant	**STCCEXOINCADN**	Exocad module In-CAD Nesting
STCCEXOBAR	Exocad module Bar	**STCCEXONESTING**	Exocad module Nesting (includes In-CAD Nesting)
STCCEXOVIEWER	Exocad module DICOM Viewer	**CCEXODEMO**	Exocad Dental CAD Demo version

CC LITE

5-axis milling unit for dry milling with simple operation without the use of compressed air. It is suitable for discs or blocks of almost all materials from composites and zirconia to CoCr sintered metals.

CC LITE milling unit is suitable for dental laboratories and practice labs due to its innovative and simple operation.



Main motor: High-frequency spindle with electromechanical tool change (Germany)
Motor speed:
60.000 rpm
Engine power:
800 W

The CC LITE has a holder for up to 17 tools - 16 standard tools and an AIRTOOL. Thickness 10 – 40 mm, additional holder for blocks also available. Operation without the use of compressed air with the innovative AIRTOOL. Simple operation with the integrated Interdent dental CAM software featuring DIRECTMILL technology – no payable licence fees..

Advantages:

- Mills almost all materials up to CoCr sintered metals in a 98.5 mm disc format, holders available for 110 mm discs and blocks.
- Integrated CAM software for immediate workflow (unpack, connect and start milling!) with maximum freedom in the choice of materials and scanners.
- No compressed air needed due to innovation of the CC LITE - AIRTOOL.
- 3 µm repetition accuracy.
- Easy service and ease of use.
- Cast aluminium body for low vibration in operation.
- The AIRTOOL (patent pending) uses its turbine blades to generate an air flow with no compressor or compressed air connection, which reliably keeps the workpiece free of dust and chippings. They are removed by vacuum from a dust collector.
- Automatic tool changer for 1 disc and for up to 6 blocks of different sizes.
- Benefits of optimum efficiency – maximum freedom of milling with minimal operating costs.
- Greatest indication diversity with a rotating angle of ± 35° in the 5th axis and discs up to 40 mm thick.
- Lightweight machine and service-optimized design for easy transport, flexibility of use and environmentally friendly shipping.
- Novelty: C-holder for 90° machining of anterior teeth.
- Fast machining times and the best production results.

ORDER NR.			
564	CC LITE	**641**	CC LITE Drills set
		CCZ200-R3D-40-T	2 mm round airtool 40 mm
		CCP250-F1-40-T	2,5 mm straight airtool 40 mm
		CCC200-R1D-40-T	2 mm round diamond coated 40 mm

Technical information CC LITE

Number of axis	5	Capacity of end mills	17 – automatic changeover
Working area, A axis	360°	Milling options	Dry milling
Working area, B axis	± 35°	Interface	InterdentCAM
Working areas X, Y, Z axis	Precision ball screws, r.a. ± 0,003 mm	Power supply	100-240 V / 50-60 Hz
Construction	Massive aluminum cast	Air pressure	8 bar 120 l/min
Motor speed	Up to 60,000 rpm	Dimensions W x H x D	472 x 734 x 484 mm
Motor power	800 W (Pmax)	Weight	43 kg
Material	Composites, PMMA, Wax, Zirconia, CoCr sintered metal, PEEK		

CC newCOSMO

Compact 5-axis milling unit for dry and wet milling with disc changer.

Due to its size and the wet or dry milling options, the **CC newCOSMO** milling unit is suitable for laboratories producing restorations from a wide range of different materials.

Main motor:
SFZ400P (Germany)
Motor speed:
80.000 rpm
Engine power:
800 W

The **CC newCOSMO** has a holder for up to 16 rotating instruments of diameter Ø 3 mm with maximum length 40 mm. It can mill smaller blocks and discs with Ø 98 mm.

Advantages:

- Coloured working chamber illumination indicates milling status.
- Webcam for remote monitoring.
- Automatic cleaning and drying - “DirectClean Technology”.
- Integrated ionizers.
- Tool-free material mount (1-click mounting).
- Revolutionary material loading with ″DirectDiscTechnology″ for 10 discs.
- Holder for 6 blocks. It can mill discs Ø 98mm, max thickness 40mm or blocks max size 20 x 20 x 40 mm (W/H/L).
- End mills and grinds the toughest materials on the market including all Ti and CoCr.
- Automatic changer of tools with the help of compressed air.
- Automatic verification of the mill length.
- Integrated container with cooling liquid.
- Network connection capability.
- One of the fastest machines on the market.

ORDER NR.			
556	CC newCOSMO	**594**	Drills set CC newCOSMO, á 30

Technical information CC newCOSMO

Number of axis	5	Capacity of end mills	16
Working area, A axis	360°		
Working area, B axis	± 35°	Interface	InterdentCAM
Construction	Massive aluminum cast	Power supply	100-240 V / 50-60 Hz
Motor speed	80.000 rpm	Air pressure	8 bar 120 l/min
Motor power	800 W	Dimensions W x H x D	580 x 700 x 600 mm
Milling options	Wet or dry - integrated water container	Weight	149 kg
Material	Composite, zirconium, wax, CoCr, Peek, PMMA, glass ceramic, hybrid ceramic, lithium disilicate, titanium, titanium premilled abutments		

CC TRENDY/TRENDY +

5-axis milling unit for dry milling!

Due to its size **CC TRENDY** milling unit is suitable for smaller and middle size laboratories producing materials which are milled dry.

Main motor:
SFK 300P (Germany)
Motor speed:
60.000 rpm
Engine power:
500 W

The **CC TRENDY/TRENDY +** has a holder for up to 16 rotating instruments of diameter Ø 3 mm with maximum length 40 mm.

CC TRENDY+ in comparison with CC TRENDY offers additional features:

- Coloured working chamber illumination indicates milling status.
- DirectDiscTechnology for revolutionary disc clamping.
- A built-in ionizer and improved air circulation for easy machine cleaning.
- Webcam for remote support.
- An Ethernet port increases the stability and flexibility of the connection at the machine's installation location.

ORDER NR.			
561	CC TRENDY	**591**	Drills set CC TRENDY, á 30
554	CC TRENDY+	**595**	Drills set CC TRENDY+, á 30

Technical information CC TRENDY/TRENDY +

Number of axis	5	Capacity of end mills	16 – automatic changing
Working area X, Y, Z axis	165,5 x 108 x 93 mm		
Working area A, B axis	A -360°; B ±35°	Operating System	Windows 10
Motor speed	60.000 rpm	Power supply	100-240 V / 50-60 Hz
Engine power	500 W	Air pressure	6 bar 40 l/min / 8 bar 50 l/min
Milling options	Dry	Construction	massive aluminium cast
Dimensions W x H x D	450 x 630 x 530 mm	Disc dimension	fi 98 mm
		Weight	91 kg
Material			Composite, zirconium, wax, CoCr, Peek, PMMA

CC UNIVERSE

Compact and precise 5-axis milling unit for dry and (optional) wet milling module.

Highly versatile milling unit with five simultaneously operating axes and a blank changer for eight blanks. Designed for both dry and wet milling (optional).

Main motor:
SFS 300P (Germany)
Motor speed:
60.000 rpm
Engine power:
600 W

The **CC UNIVERSE** has a holder for up to 16 rotating instruments of diameter Ø 3 mm with maximum length 40 mm.

Advantages:

- Milling and grinding around the clock due to automatic changer for 8 discs, 24 blocks or 48 prefabricated abutments.
- Processes all types of materials, including CoCr, titanium, and glass-ceramics.
- Automatic changer for 16 tools.
- 3 ionizers for a clean working chamber.
- Optional wet-grinding module converts the CC UNIVERSE into a wet-processing machine.

ORDER NR.			
589	CC UNIVERSE	**587**	Drills set CC UNIVERSE, á 30
		588	Drills set CC UNIVERSE, á 10
		581	Block holder for CC UNIVERSE
		582	Power suply wet grinding option RCD CC UNIVERSE
		583	Drills set CC UNIVERSE, á 10

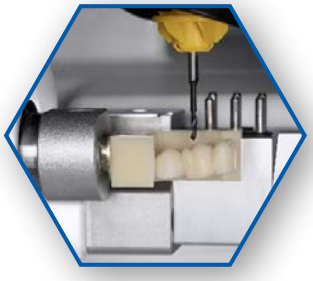
Technical information CC UNIVERSE

Number of axis	5	Capacity of end mills	16
Working area, A axis	360°		3 integrated ionizers
Working area, B axis	± 30°	Interface	InterdentCAM
Construction	Massive aluminum cast	Power supply	100-240 V / 50-60 Hz
Motor speed	60.000 rpm	Air pressure	6-8 bar 80 l/min
Motor power	600 W	Dimensions W x H x D	692 x 445 x 540 mm
Milling options	Wet (with wet-grinding module) or Dry	Weight	106 kg
Material	Composite, zirconium, wax, CoCr, Peek, PMMA, glass ceramic, hybrid ceramic, lithium disilicate, titanium,		

CC COOL

4-axis milling unit for wet and dry milling of blocks for chairside production and with CAM Software included.

CC COOL milling unit is the best economical solution for dental practices due to the compact design, light weight and no use of compressed air. It processes materials from PMMA to glass ceramics.



Main motor: High-frequency spindle with electromechanical tool change (Germany)
Motor speed:
60.000 rpm
Engine power:
800 W

The CC Cool has a holder for up to 6 tools and an AIRTOOL. Operation without the use of compressed air with the innovative AIRTOOL. Simple operation with the integrated Interdent dental CAM software featuring DIRECTMILL technology – no license fees payable. Thanks to **PUREWATER** Technology, no grinding additives are required – which means trouble-free disposal and lower running costs.

Advantages:

- Mills almost all materials up to 45 mm in length including glass ceramics, composites, zirconium oxide and PMMA in block format.
- Easy entry into in-house production.
- Integrated CAM software for immediate workflow (unpack, switch on and start milling) with maximum freedom in the choice of materials and suitable for all CAD software.
- Quick and easy switch between wet grinding and optional dry milling. Multi-compartment for cooling liquid tank or optional dry milling container.
- Quick restorations in just one session.
- The PUREWATER Technology ensures that the closed liquid circuit in the machine requires no grinding additives. For you, this means easy disposal and even lower running costs.
- The optional dry container enables you to mill materials such as zirconia, PMMA and various composites with no cooling water or compressed air.
- No compressed air needed due to innovation of the CC Cool - AIRTOOL. The AIRTOOL (patent pending) uses its turbine blades to generate an air flow with no compressor or compressed air connection, which reliably keeps the workpiece free of dust and chippings. They are removed by vacuum from a dust collector.
- 3 µm repetition accuracy.
- Machine design optimized for minimal weight and modular design for easy transport, flexibility of use and environmentally friendly shipping.

ORDER NR.	
565	CC COOL

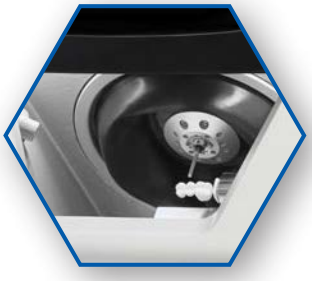
Technical information CC COOL

Number of axis	4	Capacity of end mills	6 – automatic changeover
Working area, A axis	+190° to –10°	Milling options	Wet/dry milling
		Interface	InterdentCAM
Working areas X, Y, Z axis	Precision ball screws, r.a. ± 0,003 mm	Power supply	100-240 Volt – 50/60 Hz, 500 Watt
Construction	Sturdy aluminium welded structure	Air pressure	8 bar 120 l/min
Motor speed	Up to 60.000 RPM	Dimensions W x H x D	360 × 370 × 490 mm
Motor power	800 W (Pmax)	Weight	28 kg
Material	Glass ceramic, hybrid ceramic, lithium disilicate, composite, zirconium, PMMA		

CC newCHIC

Mini 4-axis milling unit for milling blocks, specially designed for dental clinics and laboratories as well.

Due to its size and the wet milling option, the **CC newCHIC** milling unit is suitable for dental clinics and dental laboratories which only want to mill small blocks, or use it as a second milling unit.



Main motor:
SFZ 170P (Germany)
Motor speed:
100.000 rpm
Engine power:
600 W

The **CC newCHIC** has a holder for up to 6 rotating instruments of diameter Ø 3 mm with maximum length 35 mm.

Advantages:

- Smart touchscreen operation.
- Coloured working chamber illumination indicates milling status.
- Webcam for remote monitoring.
- Automatic changer for 6 tools.
- Colour coded tools.
- Automatic changer of tools with the help of compressed air.
- Automatic verification of the mill length.
- Tool-free material mount (1-click mounting).
- Working chamber with anti-graffiti coating for minimum cleaning effort.
- Removable and dishwasher-proof water tank.
- Integrated Wi-Fi module.
- Extremely quiet, due to internal insulation and thick-walled die casting housing.
- No external compressed air supply necessary.
- Direct integration with CAD SW.

ORDER NR.			
594	CC newCHIC	**593**	Drills set CC newCHIC, á 33
		593N	Drills set CC newCHIC, á 27

Technical information CC newCHIC

Number of axis	4	Capacity of end mills	6
Working area, A axis	+190° to -10°	Touch screen	Integrated
Construction	Massive aluminum cast	Interface	InterdentCAM
Motor speed	100.000 rpm	Power supply	100-240 V / 50-60 Hz
Motor power	600 W	Air pressure	Integrated compressed air production
Milling options	Wet – integrated water container	Dimensions W x H x D	471 x 507 x 522 mm
		Weight	66 kg
Material	Glass ceramic, hybrid ceramic, lithium disilicate, composite, zirconium, PMMA, titanium pre-milled abutments		

CC FASHION

Compact 4-axis milling unit for dry milling.

CC FASHION milling unit is due to the size suitable for smaller and middle size laboratories producing materials which are milled dry.

Main motor:
SF 170P (asynchronous)
Motor speed:
60.000 rpm
Engine power:
240 W

The **CC FASHION** has a holder for up to 7 rotating instruments of diameter Ø 3 mm with maximum length 35 mm.

Advantages :

- Automatic changer for 7 tools.
- Four axes working simultaneously for high indication diversity.
- 5 microns repetition accuracy.
- Automatic axis calibration.
- Best price-performance ratio.

ORDER NR.			
585	CC FASHION	**586**	Drills set CC FASHION, á 30

Technical information CC FASHION

Number of axis	4	Capacity of end mills	7
Working area, A axis	360°	Interface	InterdentCAM
Construction	Massive aluminum cast	Power supply	100-240 V / 50-60 Hz
Motor speed	60.000 rpm	Air pressure	6-8 bar 80 l/min
Motor power	240 W	Dimensions W x H x D	400 x 385 x 410 mm
Milling options	Dry	Weight	45 kg
Material			Composite, zirconium, wax, Peek, PMMA

HOLDER FOR PREMILL ABUTMENTS

Abutment holders are available for CC newCHIC, CC newCOSMO.

ORDER NR.	
596	CC newCosmo

ORDER NR.	
568	CC newCHIC

End mills for CC newCHIC, CC TRENDY, CC TRENDY+, CC newCOSMO, CC LITE, CC COOL

End mills UNIVERSAL

ORDER NR.:	SIZE	SHAPE	MILL LENGTH
CCU060-R2-35	0,6 mm	round, 2 tooth cutter	35 mm
CCU060-R2-40	0,6 mm	round, 2 tooth cutter	40 mm
CCU120-F2-35	1,2 mm	straight, 2 tooth cutter	35 mm
CCU120-F2-40	1,2 mm	straight, 2 tooth cutter	40 mm
CCU030-R2-35	0,3 mm	round, 2 tooth cutter	35 mm
CCU030-R2-40	0,3 mm	round, 2 tooth cutter	40 mm
CCU050-F2-35	0,5 mm	straight, 2 tooth cutter	35 mm
CCU050-F2-40	0,5 mm	straight, 2 tooth cutter	40 mm

End mills for COMPOSITE

ORDER NR.:	SIZE	SHAPE	MILL LENGTH
CCC100-R2-35	1,0 mm	round, 2 tooth cutter	35 mm
CCC100-R2-40	1,0 mm	round, 2 tooth cutter	40 mm
CCC200-R2-35	2,0 mm	round, 2 tooth cutter	35 mm
CCC200-R2-40	2,0 mm	round, 2 tooth cutter	40 mm
CCC200-R1D-40-T	2,0 mm	round diamond coated	40 mm

End mills for PMMA

ORDER NR.:	SIZE	SHAPE	MILL LENGTH
CCP100-R2-35	1,0 mm	round, 2 tooth cutter	35 mm
CCP100-R2-40	1,0 mm	round, 2 tooth cutter	40 mm
CCP200-R2-35	2,0 mm	round, 2 tooth cutter	35 mm
CCP200-R2-40	2,0 mm	round, 2 tooth cutter	40 mm
CCP250-F1-35	2,5 mm	straight, 1 tooth cutter	35 mm
CCP250-F1-40	2,5 mm	straight, 1 tooth cutter	40 mm
CCP250-F1-40-T	2,5 mm	straight airtool	40 mm
CCP100-R1-35	1,0 mm	round, 1 tooth cutter	35 mm
CCP100-R1-40	1,0 mm	round, 1 tooth cutter	40 mm
CCP200-R1-35	2,0 mm	round, 1 tooth cutter	35 mm
CCP200-R1-40	2,0 mm	round, 1 tooth cutter	40 mm

End mills for CoCr and Ti

ORDER NR.:	SIZE	SHAPE	MILL LENGTH
CCM060-R2-32	0,6 mm	round, 2 tooth cutter	32 mm
CCM060-R2-35	0,6 mm	round, 2 tooth cutter	35 mm
CCM100-R2-32	1,0 mm	round, 2 tooth cutter	32 mm
CCM100-R2-35	1,0 mm	round, 2 tooth cutter	35 mm
CCM200-R2-32	2,0 mm	round, 2 tooth cutter	32 mm
CCM200-R2-35	2,0 mm	round, 2 tooth cutter	35 mm
CCM200-R4-35	2,0 mm	round, 4 tooth cutter	35 mm
CCM200-R4-32	2,0 mm	round, 4 tooth cutter	32 mm
CCM120-T2-32	1,2 mm	torus, 2 tooth cutter	32 mm
CCM120-T2-35	1,2 mm	torus, 2 tooth cutter	35 mm

End mills for ZIRCONIUM

ORDER NR.:	SIZE	SHAPE	MILL LENGTH
CCZ100-R2-35	1,0 mm	round, 2 tooth cutter	35 mm
CCZ100-R2-40	1,0 mm	round, 2 tooth cutter	40 mm
CCZ200-R3-35	2,0 mm	round, 3 tooth cutter	35 mm
CCZ200-R3-40	2,0 mm	round, 3 tooth cutter	40 mm
CCZ060-R2D-40	0,6 mm	round, 2 tooth cutter, diamond coated	40 mm
CCZ100-R2D-40	1,0 mm	round, 2 tooth cutter, diamond coated	40 mm
CCZ200-R3D-40	2,0 mm	round, 3 tooth cutter, diamond coated	40 mm
CCZ120-F2D-40	1,2 mm	straight, 2 tooth cutter, diamond coated	40 mm
CCZ200-R3D-40-T	2,0 mm	round airtool	40 mm
CCZ060-R2D-35	0,6 mm	round, 2 tooth cutter, diamond coated	35 mm
CCZ100-R2D-35	1,0 mm	round, 2 tooth cutter, diamond coated	35 mm
CCZ200-R3D-35	2,0 mm	round, 3 tooth cutter, diamond coated	35 mm
CCZ120-F2D-35	1,2 mm	straight, 2 tooth cutter, diamond coated	35 mm

End mills for GLASS CERAMIC

ORDER NR.:	SIZE	SHAPE	MILL LENGTH
CCG060-R-35	0,6 mm	round	35 mm
CCG060-T-35	0,6 mm	torus	35 mm
CCG100-R-35	1,0 mm	round	35 mm
CCG120-T-35	1,2 mm	torus	35 mm
CCG260-T-35	2,6 mm	torus	35 mm
CCG240-R-35	2,4 mm	round	35 mm

CC newCOSMO	Max mill length is 40 mm.
CC TRENDY/ CC TRENDY+	Max mill length is 40 mm.
CC newCHIC	Max mill length is 35 mm.
CC FASHION	Max mill length is 35 mm.
CC LITE	Max mill length is 40 mm.
CC UNIVERSE	Max mill length is 40 mm.
CC COOL	Max mill length is 40 mm.

CC DISK NF CoCr

CoCr based disc for CAD/CAM system, free of nickel beryllium, cadmium and lead which fulfils the requirement of the standard EN ISO 22674 for non-precious alloys and EN ISO 9693 for alloys intended for porcelain fused to metal restorations. It is made of biocompatible alloy, which is easy to polish, has small amount of oxides and is therefore extremely suitable for porcelain. Ideal coefficient of thermal expansion allows usage of wide range of different ceramics.

CE 0197

Composition	(Mass-%):
Co	63,0
Cr	24,0
W	8,0
Mo	3,0
Si	1,0
Nb, C	< 1

Properties		
Type		4
Vicker's hardness	HV 10	285
Coefficient of thermal expansion	25 - 500 °C	13,9 x 10^{-6} K^{-1}
	20 - 600 °C	14,0 x 10^{-6} K^{-1}
0,2 % Elongation limit	Rp 0,2	490 MPa
E-modul	E	ca. 210.000 MPa
Ductile yield	A5	10 %

ORDER NR.	Thickness
1900	8 mm
1901	10 mm
1902	12 mm
1903	13,5 mm
1904	15 mm
1905	18 mm
1906	22 mm
1907	25 mm

CC DISK EASY CoCr

CoCr based disc for CAD/CAM system, free of nickel, beryllium, cadmium and lead which fulfils the requirement of the standard EN ISO 22674 for non-precious alloys and EN ISO 9693 for alloys intended for porcelain fused to metal restorations. It is made of biocompatible alloy.

CE 0197

Composition	(Mass-%):
Co	62,5
Cr	27,2
W	8,2
Si	1,7
Mn	< 1,0

Properties		
Type		4
Temperature solidus, liquidus		1380 °C, 1450 °C
Vicker's hardness	HV 10	249
Coefficient of thermal expansion	25 - 500 °C	14,4 x 10^{-6} K^{-1}
	20 - 600 °C	14,6 x 10^{-6} K^{-1}
0,2 % Elongation limit	Rp 0,2	380 MPa
Tensile strength	Rm	553 MPa
E-modul	GPa	167 GPa
Ductile yield	A5	16,9 %

ORDER NR.	Thickness
1931	10 mm
1932	12 mm
1933	13,5 mm
1928	15 mm
1929	18 mm
1948	22 mm
1949	25 mm

CC DISK Ti5

CC DISK Ti5 is made of titanium grade 5. It is used in CAD/CAM milling machines for production of rigid and tough appliances like single crowns, large bridges and implant-based suprastructures. CC DISK Ti5 meets the demand of the standard EN ISO 22674 and EN ISO 9693.

CE 0197

Composition	(Mass-%):
Ti	89,8
Al	6
V	4
Fe	< 1

Properties		
Alloy type according EN ISO 22674		5
Vicker's hardness	HV 10	353
Coefficient of thermal expansion	25 - 500 °C	9,8 x 10^{-6} K^{-1}
Density		4,43 g/cm^3
0,2 % Elongation limit	Rp 0,2	828 MPa (N/mm^2)
Tensile strenght	Rm	895 MPa (N/mm^2)
Ductile yield	A5	10 %

ORDER NR.	Thickness
1908	10 mm
1909	12 mm
1910	13,5 mm
1911	15 mm
1912	18 mm
1921	20 mm
1922	22 mm
1923	25 mm

CC DISK Zr HT Multilayer

The CC DISK Zr HT Multilayer is made of biocompatible pre-sintered ZrO_2. It has excellent mechanical properties, chemical stability, biocompatibility and translucency. It is intended for use in CAD/CAM milling machines for the production of full anatomical restorations, as for classical frames, meant for porcelain veneering that does not exceed 3 units. Due to its exceptional light transmission of 46 % at 1 mm and translucency, it is specifically designed for aesthetic solutions in the anterior as well as the posterior area. It meets the demands of the standard for dental ceramic EN ISO 6872 type II, class 5.

CE 0197

ORDER NR.	Thickness	Colour
1952MLHT+colour	14 mm	A1, A2, A3, A3.5, B1, B2, B3, C1, C2, D2, D3
1954MLHT+colour	18 mm	A1, A2, A3, A3.5, B1, B2, B3, C1, C2, D2, D3
1956MLHT+colour	22 mm	A1, A2, A3, A3.5, B1, B2, B3, C1, C2, D2, D3
1952MLHT+colour	14 mm	BL1, BL2, BL3
1954MLHT+colour	18 mm	BL1, BL2, BL3
1956MLHT+colour	22 mm	BL1, BL2, BL3

Composition (mass-%) and characteristics:	
$ZrO_2 + HfO_2 + Y_2O_3$	≥ 99
Y_2O_3	< 8
Al_2O_3	≤ 0,1
Other	< 0,5

Sintered density g/cm^3	> 6,02
Flexural strength	900-1100 Mpa
Thermal expansion 25°-1000°C:	10,5 x 10^{-6} K^{-1}
Translucency	46 %
Radioactivity Bq/g	< 0,10
Solubility µg/cm^2	< 50

CC DISK Zr SMILE Multilayer

The CC DISK Zr SMILE Multilayer is made of biocompatible pre-sintered ZrO_2. It has excellent mechanical properties, chemical stability, biocompatibility and translucency. It is intended for use in CAD/CAM milling machines for the production of full anatomical and cut-back restorations, as for classical frames, meant for porcelain veneering that does not exceed 3 units. Due to its exceptional light transmission of 49 % at 1 mm and translucency, which is close to a lithium disilicate, it is specifically designed for aesthetic solutions in the anterior area. It meets the demands of the standard for dental ceramic EN ISO 6872 type II, class 4.

ORDER NR.	Thickness	Colour
1952SML+colour	14 mm	A1, A2, A3, A3.5, B1, B2, B3, C1, C2, D2, D3
1954SML+colour	18 mm	A1, A2, A3, A3.5, B1, B2, B3, C1, C2, D2, D3
1956SML+colour	22 mm	A1, A2, A3, A3.5, B1, B2, B3, C1, C2, D2, D3

Composition (mass-%) and characteristics:

$ZrO_2 + HfO_2 + Y_2O_3$	≥ 99
Y_2O_3	< 10
Al_2O_3	≤ 0,1
Other	< 0,5
Sintered density g/cm^3	> 6,02
Flexural strength	600-900 Mpa
Thermal expansiom 25°-1000°C	10,5 x 10^{-6} K^{-1}
Translucency	49 %
Radioactivity Bq/g	< 0,10
Solubility µg/cm^2	< 50

CC DISK Zr / CC DISK Zr HT

CC DISK Zr disc is made of biocompatible pre-sintered ZrO_2. It has excellent mechanical properties, chemical stability, biocompatibility and translucency. It is intended for use in CAD/CAM milling machines for production of full anatomical restorations, as for classical frames meant for porcelain veneering. CC DISK Zr meets the demands of the standard for dental ceramic EN ISO 6872, type II, class 5.

CE 0197

Composition (mass-%) and characteristics:	CC DISK Zr	CC DISK Zr HT	CC DISK Zr HT preshade
$ZrO_2 + HfO_2 + Y_2O_3$	≥ 99	≥ 99	≥ 99
Y_2O_3	4,5 - 10,0	4,5 - 10,0	4,5 - 10,0
HfO_2	≤ 5	≤ 5	≤ 5
Al_2O_3	≤ 0,5	≤ 0,5	≤ 0,5
Other	≤ 0,5	≤ 0,5	≤ 0,5
Sintered density g/cm^3	> 6,02	> 6,02	> 6,02
Flexural strength	1400 ± 100 MPa	1250 ± 100 MPa	1250 ± 100 MPa
Thermal expansiom 25°-1000 °C	10,5 x 10^{-6} K^{-1}	10,5 x 10^{-6} K^{-1}	10,5 x 10^{-6} K^{-1}
Translucency	42 %	43 %	43 %
Radioactivity Bq/g	< 0,10	< 0,10	< 0,10
Solubility µg/cm^2	< 50	< 50	< 50
Colour:			A1, A2, A3

CC DISK Zr HT

ORDER NR.:	Thickness	Colour
1950HT + colour	10 mm	colourless, A1, A2, A3
1951HT + colour	12 mm	colourless, A1, A2, A3
1952HT + colour	14 mm	colourless, A1, A2, A3
1953HT + colour	16 mm	colourless, A1, A2, A3
1954HT + colour	18 mm	colourless, A1, A2, A3
1955HT + colour	20 mm	colourless, A1, A2, A3
1956HT + colour	22 mm	colourless
1957HT + colour	25 mm	colourless, A1, A2, A3

CC DISK Zr

ORDER NR.:	Thickness	Colour
1950	10 mm	colourless
1951	12 mm	colourless
1952	14 mm	colourless
1953	16 mm	colourless
1954	18 mm	colourless
1955	20 mm	colourless
1956	22 mm	colourless

CC DISK PEEK

Extremely light, biocompatible and high performance polymer PEEK (polyether ether ketone) material is an alternative to classic metal denture bases and many other indications. Strong and resistant material due to small weight and its ability to absorb loads, represents a completely new comfort for patients.

CE 0197

ORDER NR.	Thickness	Colour
1410	12 mm	Ivory
1411	14 mm	Ivory
1412	16 mm	Ivory
1413	18 mm	Ivory
1414	20 mm	Ivory
1415	25 mm	Ivory
1420	12 mm	White
1421	14 mm	White
1422	16 mm	White
1423	18 mm	White
1424	20 mm	White
1431	14 mm	Pink
1432	16 mm	Pink
1433	18 mm	Pink
1434	20 mm	Pink
1435	25 mm	Pink

Properties

Density	1,52 g/mL
Water sorption (23 °C)	6,1 µg/mm^3 (0,4 %)
Stress at yield	110 Mpa
Tensile modulus	5100 MPa
Tensile elongation at break	5 %
Flexural strenght	178 Mpa
Flexural modulus	4800 Mpa
Charpy notched impact strenght	5,1 kJ/m^2
Cytotoxicity test	No cytotoxic effect

CC DISK WAX

CC DISK WAX is made from temperature stable micro wax which burns out without residues. The stability of the wax composition allows the milling machine to mill the narrowest space with high efficiency and gives smooth and homogeneous surface. The dropping point of 120 °C excludes the danger of chipset melting, therefore it can be easily cleaned from the milling unit.

ORDER NR.	Thickness	Type
1980	20 mm	hard - beige colour
1981	20 mm	normal - grey colour
1982	14 mm	normal - grey colour

CC DISK PMMA

CC DISK PMMA is used in CAD/CAM milling machines for production of temporary restorations, gingiva formers directly after implantation, for study try-ins and for checking the occlusal contacts before the final restoration (out of Zr or CoCr) is produced.

CE 0197

ORDER NR.	Thickness	Colour
1931 + colour	12 mm	
1932 + colour	14 mm	
1933 + colour	15 mm	A1, A2, A3, B1,
1934 + colour	16 mm	B2, B3, E1, E2,
1935 + colour	18 mm	BL1, BL2, BL3
1936 + colour	20 mm	
1937 + colour	25 mm	
1938 + colour	15 mm	A3
1939 + colour	18 mm	

Properties

Vicker's hardness		26,6
Flexural strength		114 MPa (N/mm^2)
E-modulus	E	2771 MPa (N/mm^2)

CC DISK PMMA Multilayer

The **CC DISK PMMA Multilayer** is intended for use in CAD/CAM milling machines for the production of temporary restorations, gingiva formers directly after implantation, for study try-ins and for checking the occlusal contacts before the final restoration is produced. It is a multi-layered disc, composed of five shades of colour with gentle colour transitions that give a natural appearance.

CE 0197

ORDER NR.	Thickness	Colour
1941ML+colour	15 mm	A1, A2, A3, B1
1942ML+colour	18 mm	A1, A2, A3, B1
1943ML+colour	20 mm	A1, A2, A3, B1

Properties

Vicker's hardness		26 HV
Flexural strength		114 MPa (N/mm^2)
E-modulus	E	2771 MPa (N/mm^2)

CC DISK PMMA Transparent

CC DISK PMMA Transparent is used in CAD/CAM milling machines for production of reduced frameworks for casting, full or partial constructions for press ceramic and for try-ins before the production of final restorations. Burns out without residues.

ORDER NR.	Thickness
1963	12 mm
1964	14 mm
1965	15 mm
1966	16 mm
1967	18 mm
1968	20 mm
1969	25 mm

Properties

Made of 100 % organic material. Burns out without residue.

CC DISK PMMA Pink

CC DISK PMMA Pink is used in CAD/CAM milling machines for production of base for total and partial prosthesis and for immediate load denture on the dental implants as a long term provisional solution.

Properties

Vicker's hardness	26,6
Flexural strength	114 MPa (N/mm²)
E-modulus	2771 MPa (N/mm²)
Residual monomer	< 1 %

ORDER NR.	Thickness
1960	25 mm
1961	27 mm
1962	30 mm

CC DISK PMMA X-Ray Opaque

CC DISK PMMA X-Ray Opaque is used in CAD/CAM milling machines for making x-ray visible teeth on implant diagnostic template to see the placement of the teeth while planning the position of the dental implant.

Properties

Contains x-ray visible powder.

ORDER NR.	Thickness
1970	12 mm
1971	14 mm
1972	15 mm
1973	16 mm
1974	18 mm
1975	20 mm
1976	25 mm

SUPPORT AND EDUCATION

Whether you are deciding to buy a milling unit, you just made a purchase or you have been using the milling unit for a longer period of time Interdent CAD/CAM Team is here for you!

I am deciding to buy

In the company INTERDENT we will be happy to assist you with your very important decision. We will recommend the most suitable unit for your needs that will optimize your working processes in the laboratory or clinic.

I just made a purchase

The first major step has already been realised and thus enter the INTERDENT CAD/CAM Team, where you will find professional approach of experienced dental technicians and CAD/CAM specialists. You will learn how to use the machine and materials. Together with them you will connect your dental expertise with high-tech computer technology and learn the foundations for optimal results and efficient work.

I am already using a milling unit for a longer period of time!

CC newCOSMO, CC TRENDY/CC TRENDY+, CC newCHIC, CC FASHION, CC UNIVERSE, CC LITE or CC COOL milling unit has become the centre of your practice. After a certain time, new questions occur, so the only effective, available, fast and professional support is the most important thing you need and that is what INTERDENT CAD/CAM team will provide you. We will be at your disposal either in person or over the phone or camera.

MILLING CENTRE

With our range of services, we enable your dental laboratory to take full advantage of all the currently available digital working processes in the dental industry without additional investment, thus reducing your costs and, most importantly, improving the quality and productivity of your work.

Accuracy

We guarantee high precision technology, both for design and for the implementation. Only certified material with LOT number for traceability is used.

Simplicity

Simple high-tech technological process. You can send to our milling centre either document in STL format or a model which must be adequately prepared.

Flexibility

There are different materials and thicknesses available for different indications. Material: CoCr, Ti5, Zr, Zr HT, Zr-coloured, PMMA, PMMA Pink, PMMA Transparent, PEEK, PMMA X-ray, glass-ceramic, lithium disilicate,...

Open system

Our service is open. It can accept files from a variety of different systems that are available in STL format.

Delivery

STL format or model, which arrives till 12 am is processed within 48h. It does not apply to Saturdays, Sundays and public holidays. Delivery time is stated in the price list and depends on the general conditions of the deliverer.

Order

For the design in STL format the order can be done through the website **www.interdent.cc** or email address **cadcam@interdent.cc.** To order a scan and design, the model needs to be sent by post to Interdent d.o.o, Milling center, Opekarniška cesta 26, 3000 Celje, Slovenia.

MILLING CENTRE

CNC Technology Milling

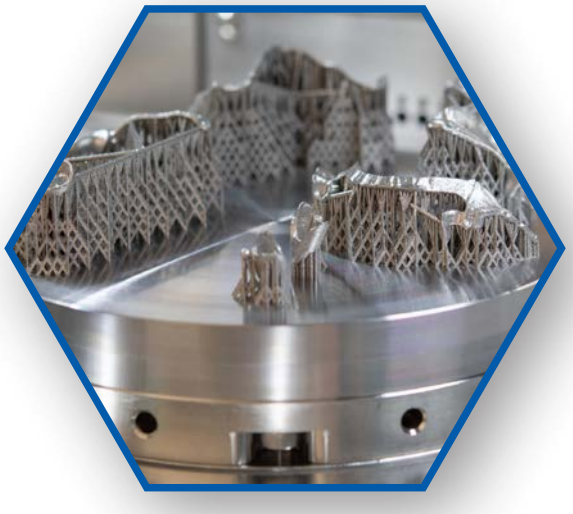
Extremely precise CNC technology has been offering users ultra-precise products based on digital scanning and digital design for a couple of decades. The technology in dentistry itself goes back a long way, to the 80s of the last century, which means that throughout all this time, the process has been optimized almost to perfection. Today, this evolution is reflected in high-quality and extremely precise, milled structures without internal stresses and deformations.

Milling is performed on modern Interdent milling units CC LITE, CC NewCOSMO, CC TRENDY and CC NewCHIC, CC COOL, CC FASHION, CC UNIVERSE which, with their sophisticated milling process strategies, ensure unparalleled precision and enviable surface treatment.

Metal 3D printing

Metal printing covers a wide range of combined technologies to achieve superior results. DMLS® (Direct Metal Laser Solidification) is a proven PBF (Power bed fusion) technology for almost three decades, which is today the standard in 3D printing of metal parts. The DMLS method was primarily used for production in demanding industries such as aerospace, automotive, medical, toolmaking ... These industries require the same quality of parts as would be achieved with conventional casting processes.

DMLS laser printing offers a new, unmatched quality in the production of metal frames. The micro-structured surface of the frames with a print resolution of up to 30 µm, ensures extremely precise constructions, without internal stresses. The extremely powerful laser provides an incomparable density of material, with excellent tensile strength. In addition, thanks to dust control technology, the quality of the components is automatically monitored and is constant.



The quality and stability of the beam and the 200-watt power of the laser fiber ensure optimal and consistent conditions for the production of high-quality components. A small laser dot with excellent resolution is ideal for making very complex and delicate parts.

INTERDENT d.o.o.
Opekarniška cesta 26 · SI - 3000 CELJE · SLOVENIA
T: +386 (0)3 425-62-00 · F: +386 (0)3 425-62-10
E: info@interdent.cc · www.interdent.cc
Facebook: Interdent Slovenia

February 2023