



# NOVELTIES 2019

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	CC newCHIC	4
	CC newCOSMO	5
	CC DISK Zr HT Multilayer	6
	CC DISK Zr SMILE Multilayer	6
	CC DISK PMMA Multilayer	7
	Interrock Premium	7
	Artistic wax	8,9
	Accessories for dental photography	10
	Alginat&Stone clean	11

## CC newCHIC

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

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  $\varnothing$  3 mm with maximum length 35 mm.

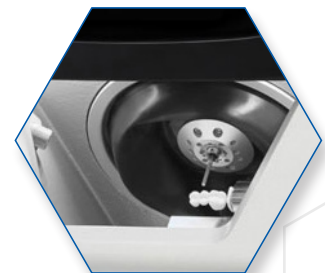
### Advantages

- Smart touchscreen operation.
- Coloured working chamber illumination indicates machining 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.

### Technical information CC newCHIC

Number of axis	4	Capacity of 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 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  $\varnothing$  3 mm with maximum length 40 mm. It can mill smaller blocks and discs with  $\varnothing$  98 mm

### Advantages

- Coloured working chamber illumination indicates machining 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  $\varnothing$  98mm, max thickness 40mm or blocks max size 20 x 20 x 40 mm (W/H/L).
- 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.

### Technical information CC newCOSMO

Number of axis	5	Capacity of mills	16
Working area, A axis	360°	Touch screen	Integrated
Working area, B axis	$\pm 35^\circ$	Interface	InterdentCAM
Construction	Massive aluminum cast	Power supply	100-240 V / 50-60 Hz
Motor speed	80.000 rpm	Air pressure	6 bar 80 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 pre-milled abutments



## CC DISK Zr HT Multilayer

The CC DISK Zr HT Multilayer is made of biocompatible pre-sintered ZrO<sub>2</sub>. 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.

### Composition (mass-%) and characteristics:

ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥ 99
Y <sub>2</sub> O <sub>3</sub>	> 4,5 to ≤ 6,0
HfO <sub>2</sub>	≤ 5,0
Al <sub>2</sub> O <sub>3</sub>	≤ 0,5
Other	< 0,5
Density g/cm <sup>3</sup>	> 6,02
Flexural strength	> 800 Mpa
KTE 25°-1000°C	10,5 x 10 <sup>-6</sup> K <sup>-1</sup>

Order number	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



CE 0197

## CC DISK Zr SMILE Multilayer

The CC DISK Zr SMILE Multilayer is made of biocompatible pre-sintered ZrO<sub>2</sub>. 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.

### Composition (mass-%) and characteristics:

ZrO <sub>2</sub> + HfO <sub>2</sub> + Y <sub>2</sub> O <sub>3</sub>	≥ 99
Y <sub>2</sub> O <sub>3</sub>	> 4,5 to ≤ 6,0
Other	≤ 0,5
Density g/cm <sup>3</sup>	> 6,02
Flexural strength	> 600 Mpa
KTE 25°-1000°C	10,5 x 10 <sup>-6</sup> K <sup>-1</sup>

Order number	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



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## 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 multi-layered disc, composed of five shades of colour with gentle colour transitions that give a natural appearance.

### Composition (mass-%) and characteristics:

Vicker's hardness	26HV
Flexural strength	114 MPa (N/mm <sup>2</sup> )
E-moduls	E 2771 MPa (N/mm <sup>2</sup> )

Order number	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



CE0197

## Interrock Premium

Extremely high quality, less thixotropic, synthetic, super hard stone, for making a precise working model in a fixed prosthetic. It is distinguished by its high strength, smooth surface and sharp edges.

### Advantages

- the grey color provides better visibility when applying ceramics and more beautiful photographs,
- the stone consistency is more fluid, adapted to modelling systems such as Giroform, Pinmaster C1, ...
- faster hardening.

### Properties

Colour	grey
Mixing ratio	20 ml water / 100 g powder
Mixing time (manual)	15 s
Mixing time (vacuum)	45 s
Working time	ca. 5 min
Setting time	ca. 9 min
Setting expansion	0,07% after 2h
Compressive strength	60 MPa after 1h
Hardness	250 Mpa after 24h

Order number		
987	ali-sack	4 kg
988	pail	20 kg



## Artistic wax

Wax for aesthetic modelling and wax-up, for analysis of the shape and colour of the tooth. Available in opaque, transparent and super translucent versions. The transparent and super translucent waxes burn out without residues and are therefore also suitable for pressed ceramics.

### Advantages

#### Education – first wax, then ceramic

The existing wax colours are very similar to ceramic and their effects which allow imitation of modelling teeth in wax, comparable to one in ceramic. Dental technicians have the possibility to learn how to veneer ceramic and effects through wax.

#### Communication

Artistic wax allows better communication between dentists, dental technicians and patients, because we can present the final look of the restoration to patients while making a mock-up using aesthetic wax.

#### Analysis

With proper analysis of tooth shape and morphology, as well as with the progressive workflow, to successful modelling of the tooth shape.

#### Marketing

Dental technicians can present their knowledge in morphology, anatomy and colour of the tooth on social networks, which gives dental technicians visibility on a higher level.

### Indications:

- monolithic and diagnostic wax-up,
- crowns, inlays, onlays, bridges,
- realistic look.





## Artistic wax complet set

Content: Basic set, Super translucent set, Gingiva set & connectors - á 3.

## Artistic wax basic set

Content: dentin ivory, dentin ivory-orange, basic transparent, dark brown transparent, red-brown transparent, black, viola-grey transparent, yellow transparent, blue super translucent, gingiva pink transparent.

## Artistic wax super translucent set

Content: yellow super translucent, red-brown super translucent, orange super translucent, brown-green super translucent, grey super translucent, viola-grey super translucent, pink super translucent, neutral super translucent, ivory super translucent.

## Artistic wax gingiva set

Content: gingiva red-pink opaque, gingiva pink opaque, gingiva red opaque, gingiva red transparent.

## Order number

1851	Artistic wax complet set	3 x 30g + 20 x 5g
1852	Artistic wax basic set	3x30g, 7x5g
1853	Artisti wax super translucent set	9 x 5g
1854	Artistic wax gingiva set	4 x 5g
1855	Connectors for sets	á 1

## Order number

1861	Artistic wax dentin ivory	30g
1862	Artistic wax dentin ivory-orange	30g
1863	Artistic wax basic transparent	30g
1864	Artistic wax dark brown transparent	5g
1865	Artistic wax red-brown transparent	5g
1866	Artistic wax black transparent	5g
1867	Artistic wax viola-grey transparent	5g
1868	Artistic wax yellow transparent	5g
1869	Artistic wax blue super translucent	5g
1870	Artistic wax gingiva pink transparent	5g
1871	Artistic wax yellow super translucent	5g
1872	Artistic wax red-brown super translucent	5g
1873	Artistic wax orange super translucent	5g
1874	Artistic wax brown-green super translucent	5g
1875	Artistic wax grey super translucent	5g
1876	Artistic wax viola-grey super translucent	5g
1877	Artistic wax pink super translucent	5g
1878	Artistic wax neutral super translucent	5g
1879	Artistic wax ivory super translucent	5g
1880	Artistic wax gingiva red-pink opaque	5g
1881	Artistic wax gingiva pink opaque	5g
1882	Artistic wax gingiva red opaque	5g
1883	Artistic wax gingiva red transparent	5g

## ACCESSORIES FOR DENTAL PHOTOGRAPHY

### RETRACTOR

One-side retractor transparent clear colour, especially suitable for dental photography, as it nicely removes lips in the horizontal and vertical directions. The holder allows the retractor to be easily held by the patient him/herself, thereby allowing the dentist and the dental assistant free hands. It can be sterilized.

Order number

1801 retractor, á 2

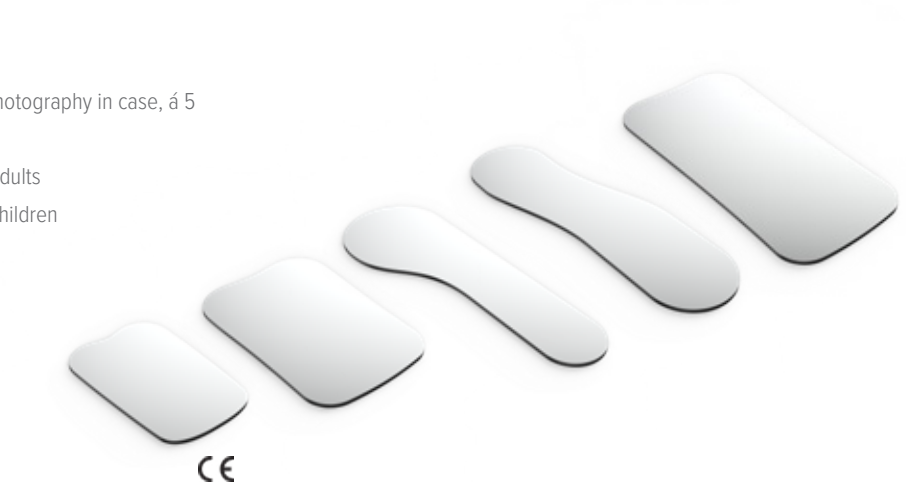


### MIRRORS FOR DENTAL PHOTOGRAPHY

Mirror for intraoral photography, rhodium coated. It can be sterilized. Available in different shapes and sizes.

Order number

- 1802 mirrors for dental photography in case, á 5
- 1803 occlusal mirror, XL
- 1804 occlusal mirror for adults
- 1805 occlusal mirror for children
- 1806 buccal mirror
- 1807 lingual mirror



### CONTRASTOR

A black contrastor for intraoral photography made out of aluminum. The material allows photography without reflection and without spots, as it can be easily cleaned. It can be sterilized.

Order number

1808 contrastor



## Alginat & Stone clean

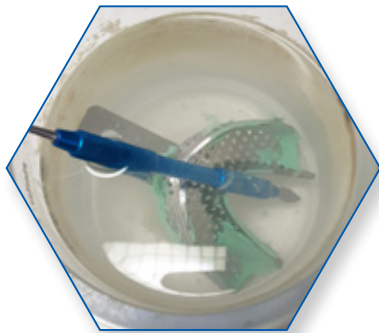
A solution of the product is intended for use for the removal of the alginate and stone residues from impression trays, accessories for articulators, flasks, spatulas and other instruments. With a lemon scent. The product does not contain any hazardous substances.

Order number

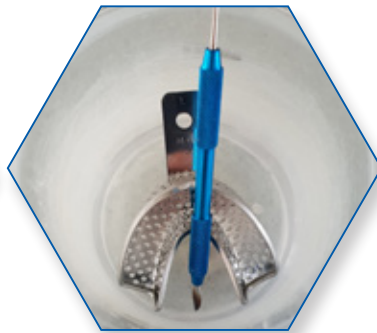
701 Alginat & Stone clean 700g

### Dosing and instructions for use:

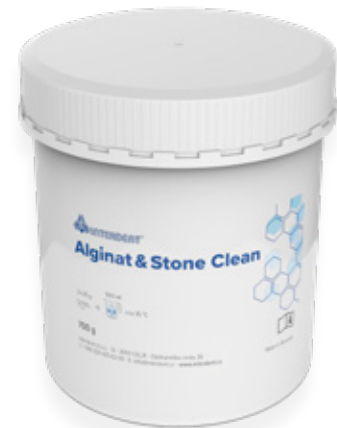
1. Remove as much as possible alginate and stone residues from impression trays and other accessories.
2. Dissolve 2 measuring spoons (50 g) of the product in 500 ml of warm water.
3. Immerse impression trays and other accessories in the solution for 60 minutes.
4. For the removal of thicker layers of the plaster, we recommend immersing in the solution for 12 hours.
5. Remove impression trays and other accessories from the solution and wash thoroughly with water.
6. Solution can also be used in an ultrasonic bath.
7. After completing the cleaning, discard the solution.



BEFORE



AFTER



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