

# ZirkonART

Il Rinascimento della Zirconia Italiana



## ACCESSORIES

# CELLINI

Technology and experience at your service



# New furnace for zirconia materials ZirkonArt

Designed to obtain maximum aesthetic and mechanical performance !!

This oven has been designed and manufactured to obtain and enhance the best aesthetic and mechanical performance of our zirconia thanks to the homogeneity of cooking of the chamber especially thanks to per latest generation C1 processor that allows you to establish extremely precise cooking parameters. Possibility to set gradients even as low as 0.5 degrees per minute.

Electronic control with permanent memory micro-processor.  
Possibility to store up to **20 programs** with a maximum of 6 phases per cycle.

## Minimum and maximum cooking performance and values:

With the Cellini oven you can set minimum rise values of only 0.5 degrees per minute and maximum rise values up to 40 degrees per minute, thus allowing you to set both fast programs that lenses and to manage rising and cooling temperature in complete autonomy and safety.

It manages both the rise in temperature and the cooling, so you can also make stops and set the speed.

The heating elements are in MoSi2, with a temperature of use up to 1800° C.  
The heating elements are visible inside the chamber and heat by radiation.  
The max voltage at the resistors is 20V.

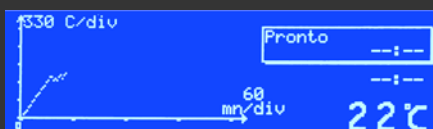
The door is equipped with a mechanical safety lock, when opened it activates a micro-switch that interrupts the power supply to the resistances.

## Technical Characteristics

Overall dimensions (cm)	39 (L) x 35 (P) x 51 (H)
Room size	11 x 12 x 12
Temperature MAX	1650°C
Free cycles	20
Fasi (MAX)	6
Rate of rise in temperature MAX	40°C/min
Rate of rise in MIN temperature	0,5°C/min
Supply voltage	230V AC - 50/60Hz
Fuses (n.2)	25A
Resistors (n.4)	MoSi2
Power	2000W
Power cord with standard plug	Schuko type
Peso	Kg. 55



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Sistema ok ---- C  
START  
i

DESTINAZIONE: START  
Programma: 2 "Def P"  
Ritardo start: 0h 0'  
Fase start: 1  
[ENT] = avvio

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## ZirkonArt Test Kit



The Kit is composed by:

- 1 disc of your choice
- 2 specimenti (one raw and one sintered) of the same material
- 1 thermo-ceramic ring (Thermocheck) to determinate the exact temperature of your sintering furnace
- 1 USB stick with ZirkonArt institutional files and tutorials
- the instructions you need to proceed with your Test Kit



## Water-based dentinal shades Esthetic-line and Smart-Line brush technique (30ml).

Water-based dentinal shades (Esthetic and Smart Line) for the selective infiltration technique (color identity) or for the Pre sint enhancement for the individual characterization of the frameworks. Available in 16 Vita colors.

## Intensive water-based colors Esthetic-line and Smart-line brush technique (15ml)

Intensive water-based colors (Esthetic and Smart Line) for the selective infiltration technique (chromatic identity) or for the Pre-sint enhancement for the individual characterization of the artifacts. Available in 8 different variables.



## Performance-Line water-based dentinal shades by brush technique (30ml).

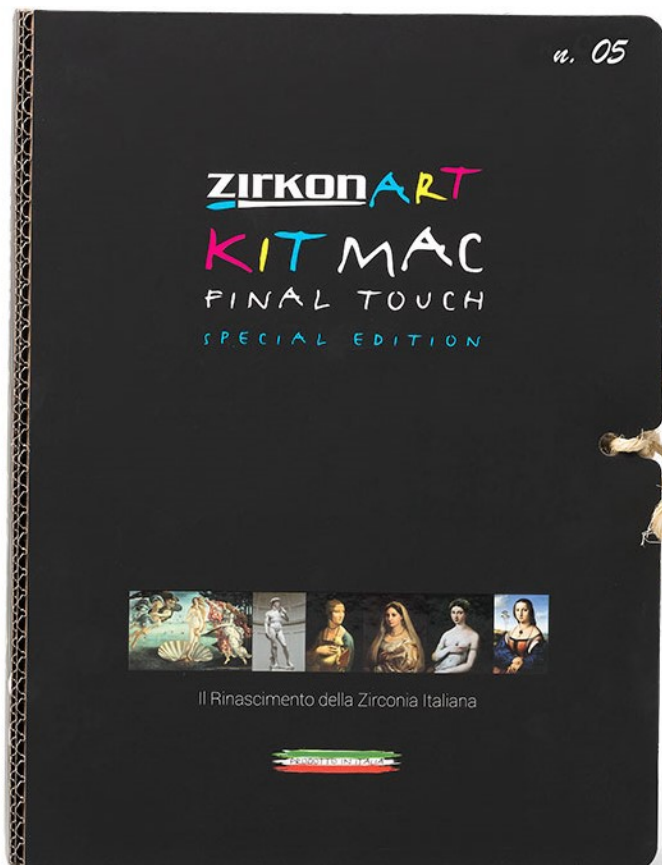
Water-based dentinal shades (Performance Line) for the selective infiltration technique (chromatic identity) or for the Pre-sint enhancement for the individual characterization of the artifacts. Available in 16 Vita colors.

## Water-based Intensive Colors Performance-line brush technique (15ml)

Intensive water-based colors (Performance Line) for the selective infiltration technique (chromatic identity) or for the Pre sint enhancement for the individual characterization of the artifacts. Available in 8 different variables.







## ZirkonArt MAC Line

Full Kit with:

- Mac 1
- Mac A-B-C-D
- Neutral Liner
- Polishing Paste
- Stain & Glaze Liquid
- SM3 brush

MAC is a special gel ceramic mass that creates the ideal condition for the application of stains or micro layering masses by increasing the adhesion to the zirconia core.

Enhances and improves the depth and aesthetic result because of a birefringent mineral and the fluorescent properties contained within.



## MAC 1

Transparent ceramic mass to obtain a better adhesion and zirconia depth.



## MAC A - B - C - D

Ceramic color mass with chromatic dominance.



## Transparent Liner

Designed to increase adhesion to zirconia before being fully layered or micro-ceramic.



## Diamond Paste

For high-gloss polishing of zirconia, ceramic and lithium disilicate.



## Stain & Glaze Liquid

For diluting both the MAC line and the Liner.

## Carrara marble plate for ZirkonArt MAC Line

- Plate in authentic Carrara marble with 5 recesses, measure 15 x 15 x 1 cm



Plate in authentic white Carrara marble designed for use with the ZirkonArt Mac kit, entirely handmade with care and passion by small Carrara marble artisans. Product customizations available on request.



## Zirconia Micro pearls 150gr.



Micro pearls in Zirconia to be used as a bottom or cooking base for Zirconia. It is recommended to replace them at least once a month or when they change colour.

## Pure Alumina Micro pearls



Alumina Micro pearls to be used as a bottom or cooking base for Zirconia. It is recommended to replace them at least once a month or when they change colour.

## Thermochek Ring

Zirconia ring to check the exact temperature of use of the sintering ovens.



In order to obtain the best aesthetic result from our materials, we advise you, before using them, to check the exact calibration of your sintering oven.

Depending on the temperatures that you detect with the Thermochek, you will know for sure whether and how much you will have to modify the parameters of your furnace to obtain optimal sintering of all materials.

The materials most sensitive to sintering temperatures are certainly the hybrid ones composed of Cubic and Tetragonal Zirconia with variable color and toughness.

## Tungsten carbide burin



Tungsten Carbide burin for refinement of zirconia before sintering.  
Each burin contains within it two equal points applicable and usable on both ends.



## Digital micrometer without stand

- Micrometer for correct measurement of Zirconia Thermocheck rings.



## Professional digital micrometer with base

- Precision tool (micrometer) for correct measurement of Thermocheck rings.

This professional micrometer is made with top quality materials and allows you to measure the inserted Thermocheck ring with extreme precision, allowing you to easily identify the exact final temperature of your sintering oven. We recommend checking the final temperature of your sintering furnace at least once a month.



## Stain & MAC Line marten brushes



Extra quality Kolinsky marten brushes with wooden handle in the necessary sizes for finalization with ZirkonaArt's Stain or Mac Line.

## Ceramic marten brushes



- Extra quality Kolinsky marten brushes with wooden handle
- Ideal for both micro-stratification and ceramic layering
- Available in three sizes

## Composit Line silicone brushes



- Silicone brushes with wooden handle for modeling composites
- Flat tip
- Triangular tip
- Round tip

## Hard bristle brushes for dusting technique



- Hard bristle brushes with wooden handle
- For cleaning zirconia after milling

## Infiltration brush with tank size M.1



Fine tip brush for the infiltration of Zirconia with refillable tank for the enhancement technique of the polychromatic anatomical crown (multilayer) to have immediately available the 4 variants of grey, blue, grey/blue and violet enamel effects.

## Fiberglass brush

Fiberglass brush suitable for cleaning the surface of the Zirconia after milling, also perfect for preparing and optimizing the Zirconia to receive the infiltration colors.





## Olive wood and resin brush handle



- Olive wood handle handcrafted designed by Alessandro Arnone.
- 9 mm diameter connection.
- Available colours: Yellow - Blue - Magenta





## Pre-Sint Cutters

• Studied and created for all the workings in the Pre-sint phase of Zirconia

• All cutters are tungsten carbide



Kit designed and created to allow the technician to work the Zirconia after sintering. Dedicated tools allow you to obtain the best technical and aesthetic results in this delicate and very important phase of your work.

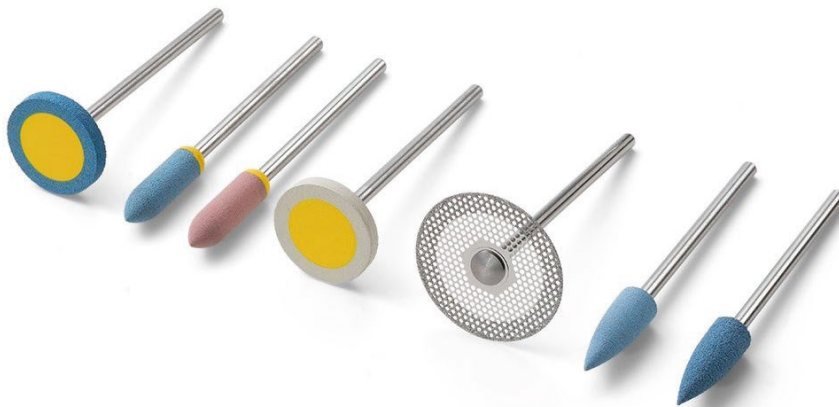
## Post-Sint Cutters

- Designed and manufactured for all Zirconia processes after sintering.
- In diamond paste with a special hardening surface treatment.

Each shape contained in the kit has been designed and created to offer the technician the best performance and the best results in terms of precision, durability and resistance of the drill both on Zirconia, lithium disilicate or ceramic.



## Burs for polishing Zirconia

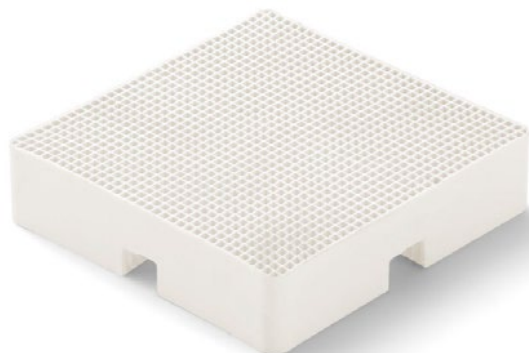


- Burs designed and manufactured for the right polishing of Zirconia
- For each step, a dedicated tool
- Both for Green phase and for post sintering phase

This Kit allows you to optimize your work and to obtain the best aesthetic results in this last stage of the Zirconia processing. Each single instrument has been made with the utmost care and with top quality materials.



## Square honeycomb base for ceramics



Square honeycomb base designed and built to obtain correct and homogeneous firing of ceramics in your furnace.

Measures 55 x 55 x 13 mm

## Round honeycomb base for ceramics

Round honeycomb base designed and built to obtain correct and homogeneous firing of ceramics in your furnace.

Measures  $\varnothing$  8 mm h 13 mm



## Cordierite support Pin for ceramics



- 9 Pz Kit
- Measures: 0,2 / 0,3 / 0,5 mm

Cordierite firing support pin for Metal free materials available in different diameters for a perfect use.

## Full base in pure alumina

Solid rectangular base in pure alumina measuring 85 x 95 x8 mm, rectified and polished to obtain an optimal result in terms of quality and durability.



## Round Mullite vase

- Round closed mullite vase
- ø 94mm. h. 30mm



Resealable jar made in Mullite and designed to obtain correct and homogeneous firing of the Zirconia, also protecting it from discoloration which occurs during sintering.

## Round stackable ring for Mullite vase



- Round stackable ring for Mullite vase
- ø 100 mm – h. 30 mm
- Possibility of stacking several rings

Ring for stackable vase (ø 100mm h.30mm) made in Mullite and designed to obtain correct and homogeneous firing of the Zirconia during the sintering phase, even by stacking several rings together which allow greater capacity for firing. It is advisable to check and respect the instructions provided by the manufacturer of your oven for this type of use.



## Round Mullite vase

- Open round mullite pot for sintering zirconia
- Measures  $\varnothing$  100 mm h. 40 mm

Vase made in Mullite and designed to obtain correct and homogeneous firing of Zirconia during sintering.



## Rectangular Mullite vase

- Rectangular Mullite jar with lid for sintering Zirconia
- measures 87x55x80mm

Protection with rectangular plate made in Mullite designed to obtain correct and homogeneous firing of the Zirconia inside ovens with a small and vertically developed chamber.



## Certificate of excellence with frame

Certificate of Excellence with wooden frame perfect to be shown in the dental clinic waiting room.



## 100% cotton T-shirt



- 100% pure cotton t-shirt with short or long sleeves
- Made in Italy
- With Italian flag colours on collar and sleeves



Available in Black, White and in various sizes.



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