

All Ceramic Materials for All-Ceramic Restorations

Lithium Disilicate Glass-ceramic Blocks & Disks

Rosetta[®] SM



www.hassbio.com

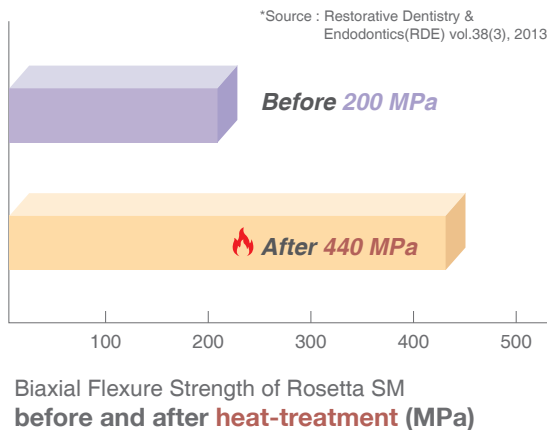
CE2195

HASS | Human-Aid
System Supplier

The Benefits of Rosetta SM for your practice

Experience the strength of Rosetta SM, with its easy and fast milling process for creating natural-looking, durable restorations.

Strength. Easy & Fast milling process



Fracture Strength

- Cementation : Etching(5% HF/20sec) / IPS ceramic etching gel, Ivoclar vivadent*
Silane treatment / Monobond Plus, Ivoclar vivadent*
Resin cement / RelyX U200, 3M*
[* Not a registered trademark of HASS Corp.]
- Test condition : Thermocycled for 10,000 cycles (5-55°C) & Fracture strength after fatigue Group : Dynamic loading for 200,000 times (70N, 1Hz, angle of 135°)

	Rosetta SM	Multi Zirconia (A company)
Fracture strength before fatigue	2250 ± 230 N	1750 ± 230 N
Fracture strength after fatigue	1820 ± 100 N	1640 ± 190 N

* Source : The Journal of Prosthetic Dentistry, 2021



Great Versatility!

Innovative pioneer - Ø98 Disk

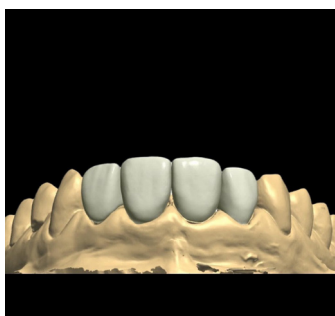


Pursuing the needs of the best glass ceramic materials for various open CAD/CAM systems.

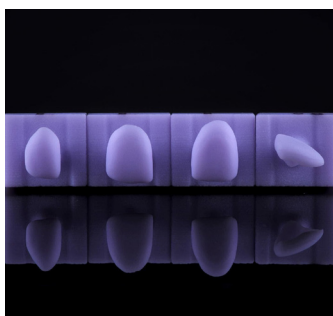
Wide Range of Indications

	Inlays		Anterior Single Crowns
	Onlays		Posterior Single Crowns
	Veneers		3-Unit Anterior Bridge (* up to the second Premolar)

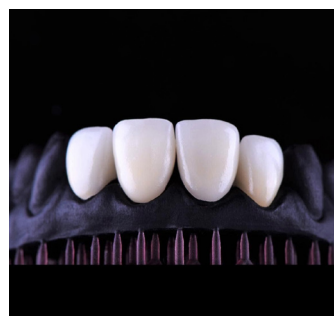
Workflow



(1) Design



(2) Milling



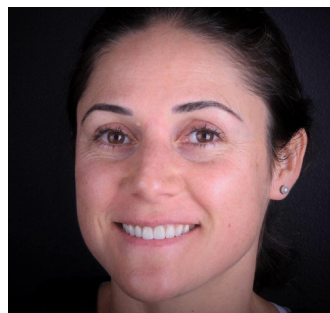
(3) Stain & Glazing



(4) Cementation



(5) Final Restoration

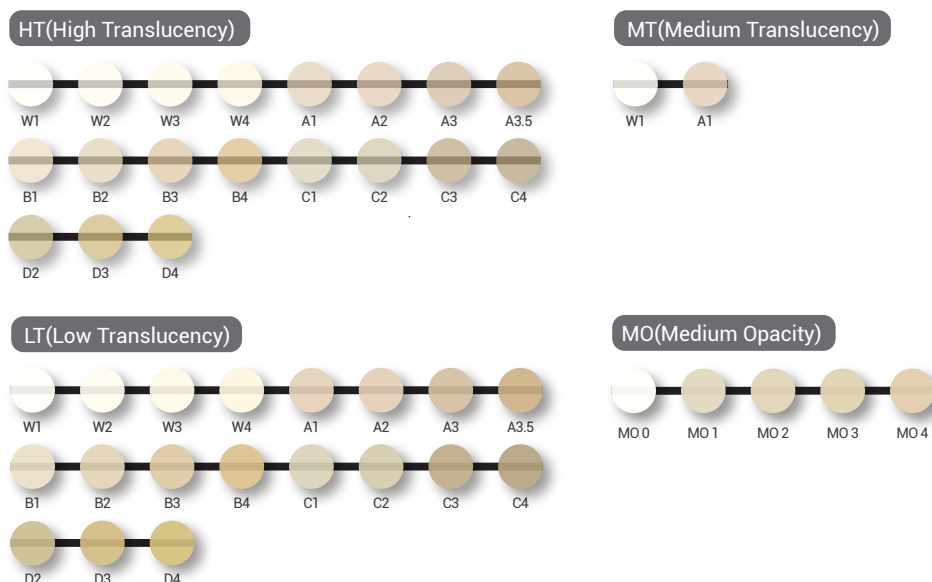


Courtesy of Dr. Alejandro Pineda _ Lhasa Digital Dental Clinic / 4 upper veneers

Product Line-up

Rosetta [®] SM		Dimensions (mm)	Pcs / Pack
	C12	10 × 12 × 15	5 Blocks
	C14	12 × 14 × 18	
	C32	14 × 14 × 32	3 Blocks
	C40	15 × 15 × 38	
	P9808	ø98 × 8T	1 Disk
	P9810	ø98 × 10T	
	P9812	ø98 × 12T	

Available Shades



Recommended Crystallization Schedule

PROGRAMAT¹⁾, FOCUS²⁾

Stand-by temperature B [°C]	Closing time S [min]	Heating rate t ₁ [°C]	Firing temperature T ₁ [°C]	Holding time H ₁ [min]	VAC1 /VAC2	Long-term cooling L [°C]	Cooling time tl [°C]
400	3:00	60	840	10:00	550/840	700	0

Please follow our recommended crystallization schedule for best results.
The name of the menu on the schedule may vary depending on the furnace's model.

Note

There may be a slight difference between the displayed temperature and the actual temperature of each furnace. Before you heat-treated Rosetta[®] SM blocks, please verify that the above recommended schedule is suitable for the furnace being used. Otherwise, try to find the optimized crystallization temperature through the following process.

- If there are some changes in the shape of restoration during crystallization heat treatment, please reduce the final temperature by 10~15 °C.

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