#### 1. Overview

- · Trade / Device Name : Amber Mill Direct
- · Common Name: Dental Materials for Dental Prosthesis
- Intended Use of the Device: Amber Mill Direct Series are indicated for fabricating all-ceramic restorations such as veneers, inlays,
- onlays, single-unit anterior and posterior crowns.
- · Classification Name: Porcelain Powder for Clinical Use
- · Packaging Unit: Refer to HASS standard package.

# 2. Instruction



## (1) How to use

This product must be used in accordance with the methods or using a dental CAD/CAM system.

- \* Procedure for using glass ceramic blocks \*
- ① Attach the Jig to the accurate location.
- 2 Mount it on the CAD/CAM equipment.
- ③ Input size information of the prepared block into the CAD/CAM equipment.
- ④ Input correction information needed for processing.
- Process the Block using the CAD/CAM equipment.
   Carefully detach the process-completed block from the equipment.
- (7) Detach the processed artificial tooth or restoration from the block.
- If necessary, perform stain and glazing treatment.
- Amber Mill Direct provides the option to change translucenceis
   from HT(High translucency) to LT(Low translucency) by co-firing.

Stand-by temperature B	Closing time S	Heating rate tı	Firing temperature Tı	Holding Time Hi
400℃	3:00 min.	45℃	840℃	1:00 min.
Vacuum 1 V 11 / V 12	Vacuum 2 V 21 / V 22	Long-term cooling L	Cooling time	
450℃	840°C	690℃	-	

\*840°C is a minimum requested temperature for LT co-firing

\*Programat CS

### (2) Storage and Maintenance before Use

- ① Do not store in an open or unhygienic place as this may contaminate the products.
- 2) Store away from moisture, direct sunlight, and heat.
- ③ Do not reuse or recycle the remaining part once used.

#### ⚠ 3. Cautions

#### (1) Cautions before Use

- Be careful not to damage the milling tool of the CAD/CAM machine when attaching or detaching the product.
- ② Be careful not to get your hand caught in the milling tool.
- 3 The jig should be attaching to an accurate location.
- Suppress or remove the dust which may occur during the operation of CAD/CAM machine.
- (5) Do not drop the product on the ground or apply heavy force as it may damage the product.
- 6 Keep the product out of reach of infants and children.
- Product should be handled by dental technicians and dentists.

### (2) Storage and Maintenance before Use

① Store the product at room temperature in a dry place.

- ② Pack and store the product properly to ensure that it is not damaged.
- ③ Store the product at temperatures ranging from  $0^{\circ}$ C  $\sim$   $40^{\circ}$ C, in combination with relative humidity of  $10^{\circ}$  r.H  $\sim$   $90^{\circ}$  r.H, under atmospheric pressures ranging from 500 hPa  $\sim$  1060 hPa.

#### 4. Side effect

If the patient is known to be allergic to any of the components of Amber Mill Direct, the material must not be used to fabricate restorations.

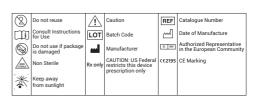
#### 5. Contraindication

- Bridge restorations
- 2) Very deep sub gingival preparations
- 3) Bruxism
- Any other use not listed in the indications

### 6. Mechanical and Physical Properties

- ① Flexural Strength: over 300 MPa
- ② Chemical Solubility: below 100 μg/cm²
- 3 Coefficient of Thermal Expansion: 11.5 (±0.5) x 10<sup>-6</sup> K<sup>-1</sup>
- \* This is a single-use product. \* Do not reuse.

### 7. Pictograph



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