



# XTCERA Dental Zirconia Family

## Shenzhen Xiangtong Co.,Ltd

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Sold to  
**60+**  
Countries and regions  
globally



Owning  
**30,000m<sup>2</sup>+**  
R&D and industrial park

Hired  
**1600+**  
Employees



# DEVELOPMENT — 2001-NOW

## COMPANY PROFILE

XTCERA was founded in 2001, over 20 years of R&D experience on Zirconium Dioxide Ceramic Material and Dental Milling Machine.

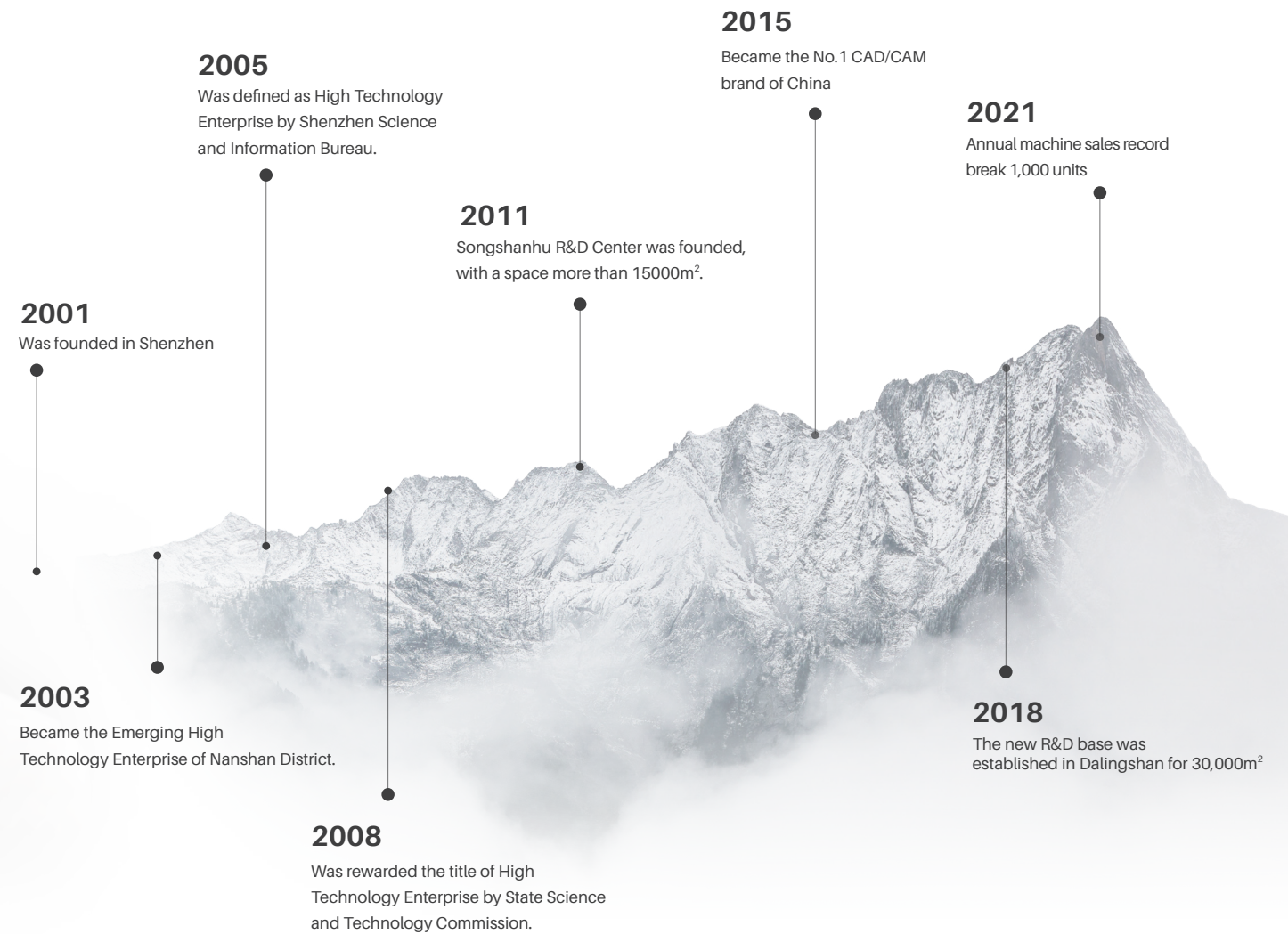
XTCERA has more than 1600 employees and an industrial park larger than 30,000 sq meters.

In the past 20 years, XTCERA has sold over 7,000 units of dental milling machines and over a million pieces of Zirconia blanks every year to the global dental market.

We believe quality is the life of production and trust is the foundation of a healthy business relation.



## CERTIFICATE





# 3D MULTILAYER

Layerless, natural gradation



- Natural color transition, pre-colored
- Top high transmittance with natural gradient
- Simple and less process of production



|                      |                        |   |          |
|----------------------|------------------------|---|----------|
| Vickers Hardness(HV) | ≥1250                  | ↔ | ≥1350    |
| Strength(Mpa)        | 750                    | ↔ | 1250     |
| Color                | Incisal                | ↔ | Cervical |
| Translucency         | 43%                    | ↔ | 55%      |
| Fracture toughness   | >5MPa.m <sup>1/2</sup> |   |          |

| Chemical Composition               |          | Properties          |                       |
|------------------------------------|----------|---------------------|-----------------------|
| ZrO <sub>2</sub> +HfO <sub>2</sub> | >90.5wt% | Sintering Density   | 6.0g/cm <sup>3</sup>  |
| Y <sub>2</sub> O <sub>3</sub>      | 6-9.5wt% | Bending Strength    | ≥750MPa               |
| AL <sub>2</sub> O <sub>3</sub>     | <0.5wt%  | Vickers Hardness    | ≥1250HV               |
| Other Oxides                       | <0.5wt%  | Chemical Solubility | <100µg/m <sup>2</sup> |

Regular providing pre-shaded blanks: A1 A2 A3 A3.5 B1 B2 B3 C2  
Other shades in Vita Classical shades are available with MOQ request

| Indications               |                 |                                      |        |             |                        |                        |            |          |
|---------------------------|-----------------|--------------------------------------|--------|-------------|------------------------|------------------------|------------|----------|
|                           |                 |                                      |        |             |                        |                        |            |          |
| full contour for anterior | Veneer          | Full contour for posterior           | Coping | Inlay/Onlay | Crown bridge 5-7 units | Crown bridge full arch | Post& core | Abutment |
|                           |                 |                                      |        |             |                        |                        |            |          |
| Telescope                 | Maryland bridge | Implant Bridge for more than 7 units |        |             |                        |                        |            |          |