

INNOVACERA

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technical ceramic solutions .com

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# Company Profile

- INNOVACERA was established in 2012 and offer the Complete Development Chain: from the **Ceramic Powder** to **Mass Production** with the suitable ceramic process.
- During the entire engineering and development process, our specialized staff work together with customers to optimize the target products and production chain.

# Business Scope

Item	Description	Main Products	Employees
Headquarter Office	Marketing & Service	Marketing & Service	16
Zhangzhou Factory	Dry Press, CIP	Metallized Ceramics, Alumina Ceramics, Zirconia Ceramics	40
Xiang'an Factory	Low Press CIM, Precision Machining	Alumina Ceramics	20

# Products Overview



**Alumina Components**



**Zirconia Components**



**Porous Ceramic Plate**



**Boron Nitride Components**



**PBN Crucible**



**Metallized Alumina Ceramic Parts**

# Products Overview



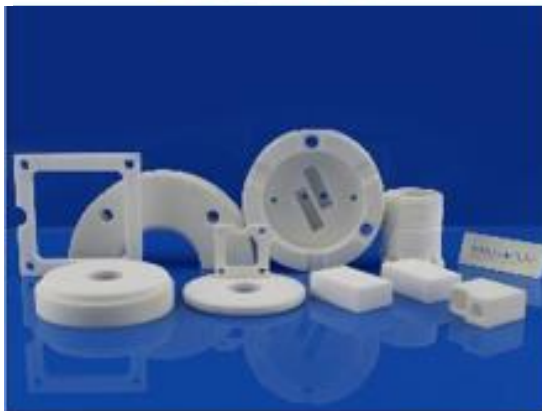
**Alumina Ceramic Heaters**



**Alumina Ceramic Heaters**



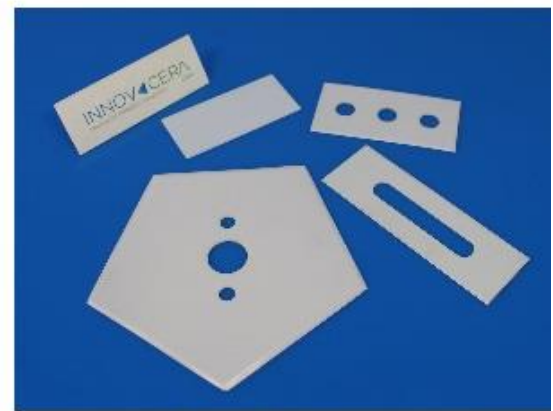
**Silicon Nitride Parts**



**Machinable Glass Ceramic Components**

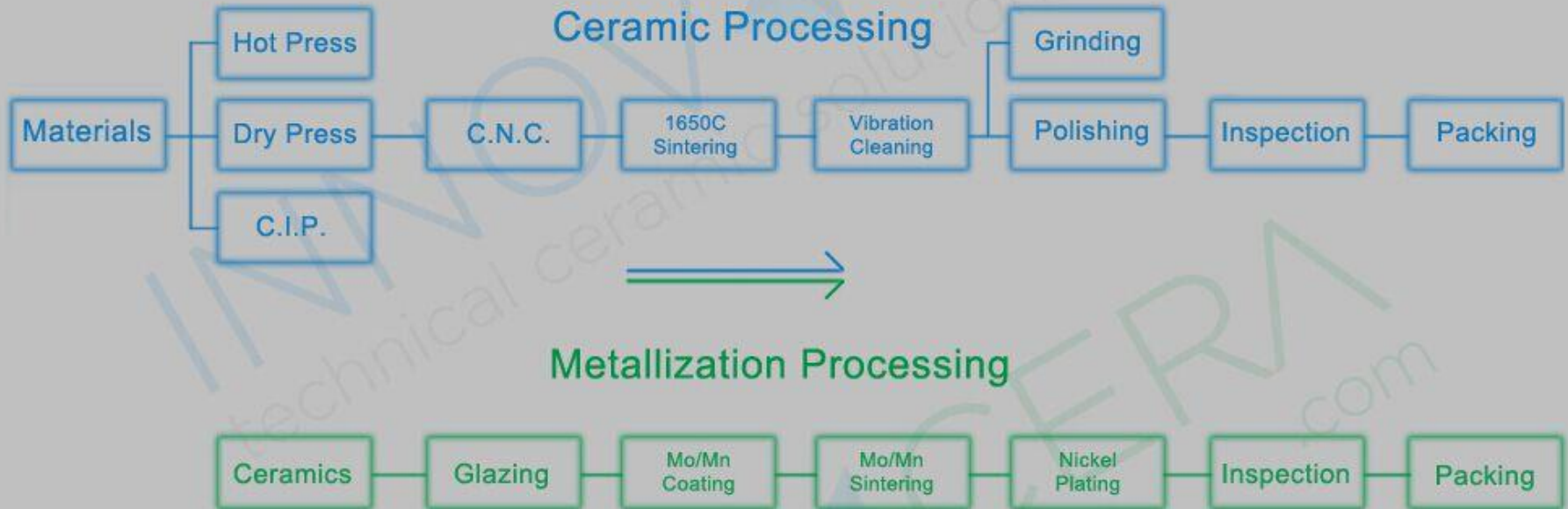


**Ceramic Pump**



**Ceramic Blade**

# Production Process



# Production Equipment

Cold Isostatic Pressing



Hot pressing



Dry pressing





# Production Equipment



01 烧结区  
Sintering Zone



02 隧道  
Tunnel Kiln



03 预烧炉  
Burn-In Oven

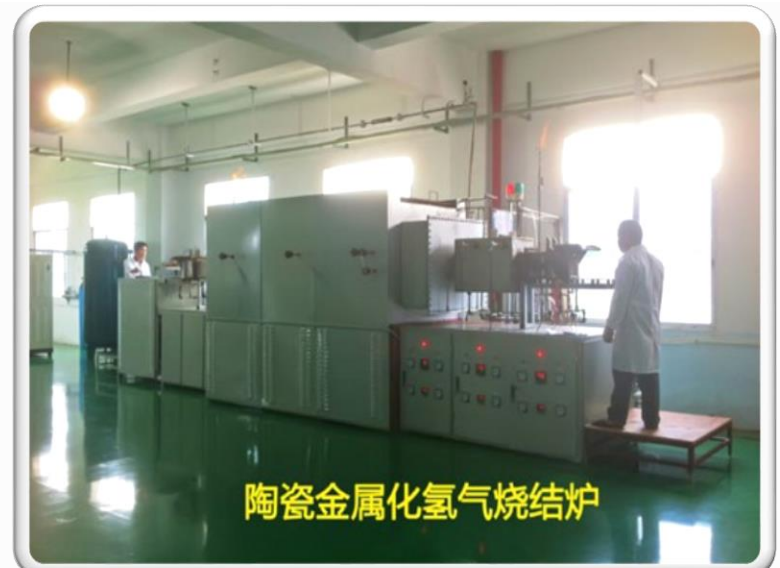


# Production Equipment

Mo/Mn Baking Line



Metallizing Furnace



陶瓷金属化氢气烧结炉



**Centerless Grinder**



**CNC**



**Flatness Grinder**



**Inner-diameter Grinder**

# Machine Equipments



Particle size analyzer



Density tester



X-ray analyzer



Hardness tester

# Detecting Devices

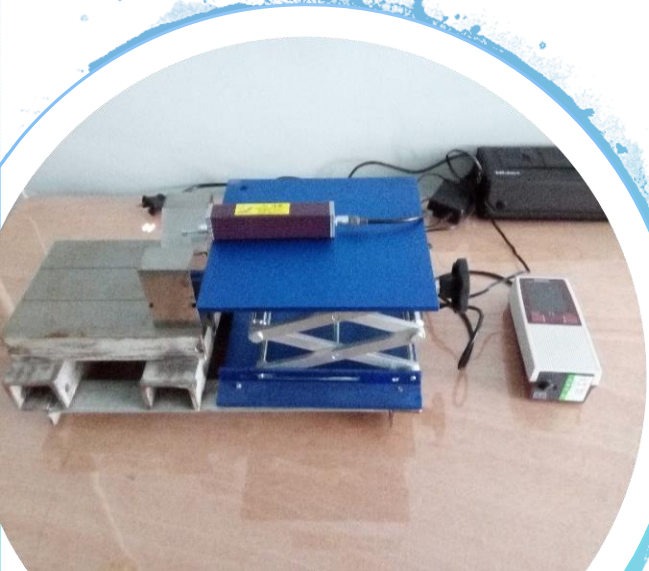
# Detecting Devices



Manual image measuring instrument



Microscope



Roughness tester

# One-Stop Solutions Provider

## **Product Engineering**

- Our dedicated technical staff communicates with the customers to match their needs with the requirements of the advanced ceramics process.

## **Materials Development**

- If one of our standard materials does not fit the customer's needs, our material engineers can develop custom material solutions.

## **Rapid Tooling / Prototyping**

- Time to market is essential. Several options for producing quick-turn prototypes are available.

# One-Stop Solutions Provider

## **Tool Concept & Manufacturing**

- Utilizing the latest CAD/CAM techniques, molds are designed and manufactured to very demanding specifications.

## **Sampling**

- After tooling is complete, first samples are produced. Tool or process adjustments are determined.

## **Product Manufacturing**

- We are highly capable of producing runs from hundreds of parts up to several million. With our global presence, production can be handled close to the customer.

## **Post Manufacturing**

- Well determined dimensions may require further processing after sintering  
–CNC machining provides required results.

# Partnership



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DECKER®



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НЭВ3-  
КЕРАМИКС



MEGGITT



BRUKER



CETC



ABB



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Thank You