

**Corporate Communication**

Corporate Contact CeramTec:  
Christoph Hermes  
Phone +49 (0) 7153 6 11-803  
e-mail: [pr@ceramtec.de](mailto:pr@ceramtec.de)

## Press Information

### CeramTec well positioned due to broad diversification

- **Medical and Industrial divisions supply high-performance products made of advanced ceramics on an international basis and across markets**
- **Continued focus on Europe and especially Germany; China and the USA become increasingly important**

***Plochingen, Germany, May 18, 2020:*** The CeramTec Group, a leading international supplier and developer of special solutions based on advanced ceramics, produces well over 10,000 highly specialized products, components and systems for the medical technology, automotive, electronics, environment, medical devices and energy industries. CeramTec, with its Medical and Industrial divisions, operates internationally with approximately 3,500 employees at locations in Europe, the USA and Asia, with the US and Chinese markets becoming increasingly important. In the last fiscal year 2019, the company achieved sales of 620.4 million Euros.

As a globally leading technology group, CeramTec develops and manufactures innovative solutions made of Technical Ceramics, which are often used where other materials reach their limits. Thanks to the diverse properties of high-performance ceramics, which range from biocompatible, extremely hard, wear-resistant, chemically stable to high

#### **Corporate Communication**

Corporate Contact CeramTec:  
Christoph Hermes  
Phone +49 (0) 7153 6 11-803  
e-mail: [pr@ceramtec.de](mailto:pr@ceramtec.de)

## **Press Information**

temperature resistant, the different material types with their specific profiles can be used for high-tech applications, in a huge application scope from inside the human body through industrial production all the way to space applications.

"Last year we saw strong demand for highly specialized ceramic solutions that are developed for customer-specific applications and across industries," says Dr. Hadi Saleh, CEO of the CeramTec Group. "With our two divisions Medical and Industrial, we are consistently pursuing a broad diversification of applications and focus on customized system solutions."

### **Extensive spectrum of applications for Industrial**

The Industrial Division, which generated more than half of total sales, is active in all sectors from automotive, medical technology and electronics to mechanical and plant engineering. The division's focus is on solutions for customer-specific applications, developed in close cooperation with the customer.

CeramTec ceramic solutions can be found where requirements are high and challenging. During the current corona pandemic, medical technology products also play an important role, for example dipping molds for medical glove production. Or components used in dialysis and respiratory equipment.

**Corporate Communication**

Corporate Contact CeramTec:  
Christoph Hermes  
Phone +49 (0) 7153 6 11-803  
e-mail: [pr@ceramtec.de](mailto:pr@ceramtec.de)

## Press Information

### **Medical - very successful in the production of ceramic components in hip joint implants**

The focus of the Medical division is on the development and production of ceramic components for orthopedics, such as hip joint ball heads and inserts made of the material BIOLOX®delta. Here ceramics impress with their excellent biological behavior, excellent biocompatibility and abrasion resistance, but also with their greater durability and corrosion resistance compared to metal alloys such as cobalt chrome.

Half of all hip prostheses implanted worldwide already contain ceramic components. In Germany, ceramic joints are nowadays used in over 80% of all hip operations. BIOLOX® ceramic joints have also been approved in the USA by the American FDA (Food and Drug Administration) since 2003. To date, more than 18 million CeramTec ceramic hip components have been delivered to medical technology suppliers worldwide in the last decades. CeramTec ceramic solutions are also used in other implants such as knee prostheses and spine applications, and as implants in dentistry.

**Caption:**

In the current corona pandemic, the importance of medical technology products has increased and with it that of their reliable manufacture. CeramTec supplies piezoceramic power converters for the industrial production of medical protective masks. They are an important component in ultrasonic welding equipment for the production of mask seams. Photo: CeramTec.

## Corporate Communication

Corporate Contact CeramTec:  
Christoph Hermes  
Phone +49 (0) 7153 6 11-803  
e-mail: [pr@ceramtec.de](mailto:pr@ceramtec.de)

# Press Information

## About CeramTec GmbH

CeramTec is a world-leading manufacturer of technical ceramics and is specialized in the development, manufacturing and sale of parts, components and products made from ceramic materials. With over a century of developmental and production experience, CeramTec is a global leader in the manufacturing of advanced ceramics and engineers these materials for use in a wide variety of applications. Advanced ceramics from CeramTec are used in a range of industries, including medical engineering, the automotive industry, electronics, energy and environmental engineering, as well as equipment and mechanical engineering. The current portfolio comprises well over 10,000 products, components and parts made from technical ceramics, along with a wide variety of ceramic materials.

With production sites and subsidiaries in Europe, America and Asia, CeramTec maintains its presence around the globe as a manufacturer and supplier. The company is headquartered in Plochingen, near Stuttgart. In 2019, CeramTec generated over €620 million in revenues. CeramTec employs more than 3,500 staff worldwide, around 2,000 of which are in Germany.

### **CeramTec GmbH**

CeramTec-Platz 1-9  
73207 Plochingen, Germany

[www.ceramtec.de](http://www.ceramtec.de)  
[www.ceramtec.com/twitter](https://www.ceramtec.com/twitter)  
[www.ceramtec.com/youtube](https://www.ceramtec.com/youtube)