

CEREC SpeedFire®

Dental combination furnace for chairside digital dentistry



CEREC SpeedFire is a compact and fast sintering and glazing furnace enabling quick turnaround times for treatments in one single visit. Thanks to the induction technology it can sinter a full-contour zirconium oxide crown made of CEREC Zirconia+ in under 15 minutes¹. A glass ceramic crown, e.g., CEREC Tessera, can be glazed in 4:30 minutes² thanks to the pre-heating function. The super speed chamber of CEREC SpeedFire can hold up to three single crowns depending on the approval of the material manufacturer or one 3-unit bridge. Integrated into the CEREC® chairside workflow firing orders – suitable for the corresponding milling job – are automatically selected and sent to the furnace via the CEREC Software. Comprehensive and integrated equipment service and support to optimize the lifetime of CEREC SpeedFire is provided by DS Core™ Care³.

- ¹ Internal material testing with 60 samples lead to sintering time of 14:48 minutes with wall thickness of ≤ 2 mm
- ² Internal material testing with 45 samples lead to glazing time of 4:30 minutes
- ³ Service is subject to country availability and conditions. Please contact your local DS representative for more details.

What to expect from CEREC SpeedFire



Seamless workflow with automatic processing

The CEREC Software sends the firing jobs to the furnace automatically, including all necessary information. This enables reproduceable results and a high level of comfort in your practice.



Fast sintering and firing times

Thanks to the induction technology the CEREC SpeedFire allows for very short sintering and firing times. The pre-heating function furthermore allows speeding up of glazing processes, e.g. for CEREC Tessera.



High esthetics and durable restorations

CEREC SpeedFire provides automated, validated programs for a great variety of different materials from Dentsply Sirona and a choice of partners which enables high esthetics and strength of your restorations.

Additional features of CEREC SpeedFire

- Multicolor LED to show process status
- Intuitive operation via the 7" touch display
- Processing of wet and dry restorations
- Pre-heating function



CEREC is a real advantage for anyone wanting to expand their business and evolve with the latest industry advances. Future-proof your practice and benefit from an established technology and well-known brand.

Learn more on:
dentsplysirona.com/cerec

The Dentsply Sirona CEREC Block Portfolio

Selecting the right block for a clinical case has never been easier. Whether you need ultimate strength or high esthetics, the Dentsply Sirona block portfolio provides the appropriate block to help ensure lasting clinical results.

CEREC SpeedFire can process a great variety of different materials, from Dentsply Sirona block materials to partner materials from Ivoclar, VITA Zahnfabrik, 3M Dental, Kuraray Noritake Dental, Shofu and GC. All sintering and glazing programs have been tested and validated by the corresponding material partner for high esthetics and durable restorations.

CEREC Tessera

CEREC Tessera blocks are one of the most recent innovations for CEREC, designed to increase workflow efficiency and produce beautiful results for your patients. CEREC Tessera blocks have an advanced crystal matrix structure, lithium disilicate plus virgilite, for greater strength and faster firing: Using CEREC SpeedFire it can be fired in 4:30 minutes, providing >700 MPa biaxial strength with a 1.0 mm prep design.



CEREC MTL Zirconia

CEREC MTL Zirconia is the solution that provides you with strong, precise restorations that are highly esthetic and natural looking. The high strength of >850 MPa 3-point bending enables less reduction of the natural tooth. Due to its high translucency and improved color matching characteristics, CEREC MTL Zirconia meets all esthetic needs. The workflow of CEREC MTL Zirconia is most efficient when using the CEREC Primemill and CEREC SpeedFire.



CEREC Zirconia+

CEREC Zirconia+ is the solution that provides you with a high strength of more than 1000 MPa. Therefore, CEREC Zirconia+ is the ultimate strength monolithic zirconia for challenging second molar restorations.



Seamless chairside workflow from scanning to finalizing



Scan

Take an intraoral scan with CEREC Primescan® or Omnicam®



Design

In the CEREC Software you can design the individual restoration based on a highly esthetic and functional proposal



Manufacture

Grind or mill the restoration in CEREC Primemill®



Finalize

Sinter and glaze your restoration in CEREC SpeedFire

I have been using the CEREC SpeedFire since it was released. It delivers exactly what I need: a fast, efficient process and high-quality results for the materials of my choice. For my office, this is an imperative chairside furnace to deliver high quality dentistry to my patients

Dr. Mike Skramstad (sponsored) | Dentist | United States



Learn more about CEREC SpeedFire at: dentsplysirona.com/speedfire
and DS Core Care at: dentsplysirona.com/ds-core-care

