

PTCR information letter

There are many reasons for opaque results e.g. the temperature of the furnace and the amount of crowns and bridges in the furnace.

The PTCR is a ceramic ring which shrinks if it is exposed to heat. The measured shrinkage is converted by means of a chart into a Ring Temperature (RT) which is an effective temperature that describes the total amount of heat absorbed by the ring and also by the products. **It is absolutely necessary to use the exact temperatures of the attached firing cycle.** We recommend to use two rings (1x MTH & 1x HTH) on the sintering plate. If you cover your crowns and bridges, please cover the sinter rings, too. After the firing cycle has been entered, the ring diameters have to be measured – Dental Direkt does the measurement for you!

When you get this package, please start with sintering the PTC-Rings with the attached sintering cycle.

After sintering the PTC-Rings, please send them back to us and we will check the temperature of the furnace for you.