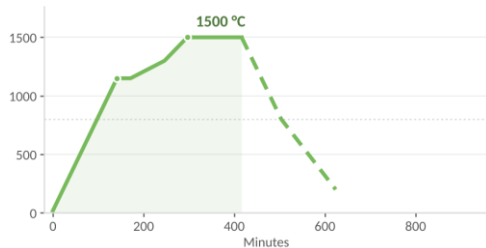


classic · Y-ML unlimited · Y-ML pioneer

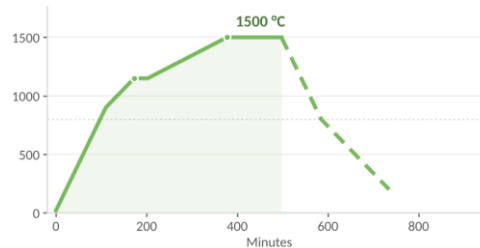
## republicZr® Standard (universal)

**1500 / 1530 °C · 120 min. hold · 10 h 24 min**

All indications

classic · Y-ML unlimited · Y-ML pioneer

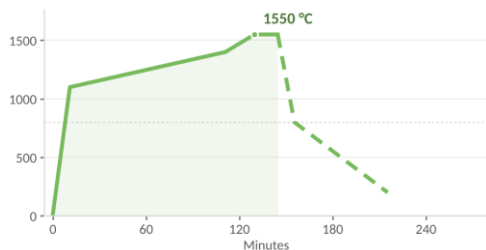
## republicZr® Long program (gentle)

**1500 / 1530 °C · 120 min. hold · 12 h 15 min**

High-mass, long-span, high furnace load

Y-ML pioneer

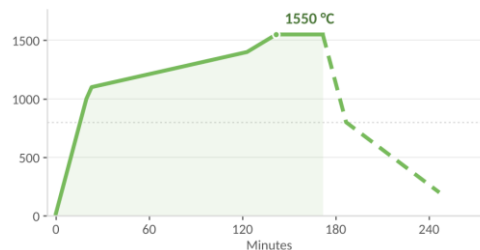
## republicZr® Ultra Speed

**1550 °C · 15 min. hold · 3 h 35 min**

Single crowns only · one layer per tray · not feasible in every furnace

Y-ML pioneer

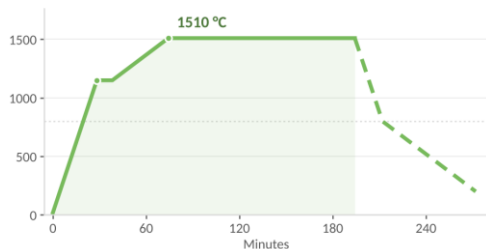
## republicZr® Speed GT1 pro

**1550 °C · 30 min. hold · 4 h 07 min**

Single crowns only · one layer per tray · matched to the GT1 pro

classic · Y-ML unlimited

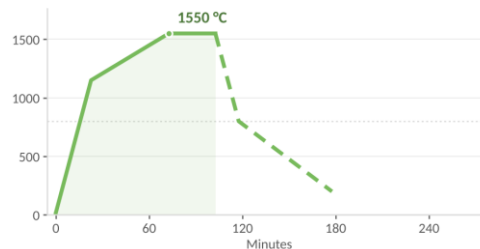
## republicZr® Speed 4h

**1510 / 1550 °C · 120 min. hold · 4 h 32 min**

Up to 3 units, max. 1 pontic

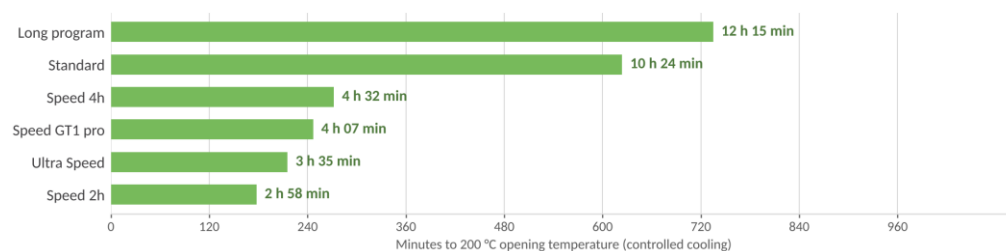
classic · Y-ML unlimited

## republicZr® Speed 2h

**1550 °C · 30 min. hold · 2 h 58 min**

Up to 3 units / unlimited crowns only · one layer per tray

## Run time comparison



Solid: heating and holding time. Dashed from peak temperature: cooling, controlled to 800 °C (dotted line), below that controlled or free. Time scale: Standard and Long program up to 960 minutes, the four Speed programs up to 280 minutes. The bar comparison shows all six programs on the same scale.

Times from 20 °C to 200 °C opening temperature, controlled cooling. Values with a slash: Y-ML / classic. For complete parameters and DEKEMA commands see the sintering guide.