

Ceramic Heaters



Ceramic high temperature heating elements

- Maximum application-temperature: 1000 °C in steady-state performance; temporary 1300 °C
- Time until max. temperature: < 60 s, depending on the dimensions of the heater
- Standard articles: 120 or 230V (AC), all electrical parameters are adjustable customer specific
- Geometry: tubular heaters, rod-type heaters, multihole-pipes, micro-heaters, flat-shape heaters
- heating area in the range of a few mm² up to approx. 50 cm²
- Fully electrically insulated; no exposed electric contacts
- Resistant to oxidation and corrosion
- Adjustable in the whole temperature range
- High stress resistance (thermal shock, heating cycles, high life time)
- High temperature resistant electrical connector (clip contact)

- **LONG LIFE-TIME**
- **ENERGY-EFFICIENT**
- **TRIED & TESTED 10000-TIMES**

Applications

- High surface igniters (ignition of gas, oil, biomass, wood-pellets)
- Heaters for highest process temperatures (> 750 °C)
- Air and gas heaters
- Tool-heaters
- Melting / welding / soldering / hot-gas soldering
- Heaters for the chemical analysis (e.g. micro-stoves, reactors)

