

DIN EN ISO 13078-3:2023-08 (E)

Dentistry - Dental furnace - Part 3: Test method for the evaluation of high temperature sintering furnace measurement with a separate thermocouple (ISO 13078-3:2023)

Contents	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Measurement and test method	7
4.1 General.....	7
4.2 Test devices and test equipment.....	7
4.2.1 Thermocouple fixture.....	7
4.2.2 Thermocouple.....	8
4.2.3 Compensating cable.....	8
4.2.4 Temperature indicating device.....	9
4.2.5 High temperature sintering furnace.....	9
4.3 Implementation.....	9
4.3.1 Layout of the thermocouple.....	9
4.3.2 Heating phase.....	9
4.3.3 Test temperature 1.....	9
4.3.4 Holding time 1.....	9
4.3.5 First measurement.....	9
4.3.6 Test temperature 2.....	9
4.3.7 Holding time 2.....	9
4.3.8 Second measurement.....	9
4.3.9 Interpretation.....	10
4.3.10 Adjustment.....	10
5 Test report	10
Bibliography	11