Thermal cycling furnace up to 1700 °C – EEF X / 17 HV

We have recently developed a thermal cycling furnace. The cycling is conducted by means of a double hearth system where one hearth at the time is exposing the specimen for the heat while the other is cooling the specimen in ambient temperature.
Temperature profiles, no of cycles and cycle times are fully programmable. Max temperature is 1700 °C. Forced cooling is one possible option.

TECHNICAL DATA – EEF X / 17 HV

Thermal Cycling Furnace for Thermoschock testing

Max. temperature:	1700 °C
Max. working temperature:	1700 °C
Elements:	Kanthal Super 1800 ($MoSi_2$)
Connection:	1 x 230 V, 50 Hz AC, or optional
Controller:	Eurotherm 2604
Thermocouple:	Type B (Pt 6%Rh / Pt 30%Rh)

Type	Chamber, H x W x D	Volume	H	W	D	Power
EEF 3 / 17	180 x 150 x 150 mm	4,1 ltrs	900 mm	770 mm	900 mm	4,0 kVA

HIGH TEMPERATURE FURNACES made up to specification. Operating up to 2000 °C in oxidizing atmospheres.

ENTECH
P O Box 1066
SE-262 21 Ängelholm
www.entech.se

Telephone: +46 431 44 99 80
Fax: +46 431 44 99 81
E-mail: info@entech.se