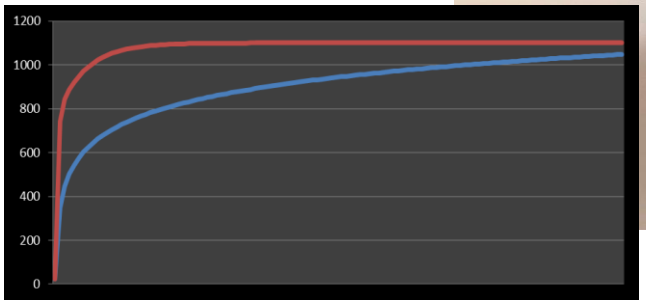
Electric Fire Testing Chamber

Working in accordance with ISO 834-8 and EN 1363-2

Our **electric** fire testing chamber will offer **reliable, repetitive cycles** and bring you a **better work environment** while conducting tests on, for instance, **intumescent coatings.** The only off gas will come from the samples, and is led out via venting holes. The furnace is virtually **free from noise.**



TECHNICAL DATA - EFTC 6 / 15

Electric Fire Testing Chamber

Max. temperature:	1500 ^{O}C
Working temperatures:	20 - 1500 ^{O}C
Examples of heat up rates:	
Cellulosic curve:	T = 20 + 345log10(8t + 1)
Hydrocarbon curve:	T = 1080(1 - 0.325e$^{-0.167t}$ - 0.675e$^{-2.5t}$) + 20
Connection:	400 V, 3L N PE, 50 Hz AC, 50 Amps.
Optional connection:	480 V, 3L PE, 60 Hz AC, 40 Amps.
Elements:	MoSi2
Controller:	Eurotherm 3508P
Recorder:	Eurotherm Nanodac
Controlling thermocouple:	2 pcs. S Type (Pt 10%Rh - Pt)
Sample thermocouples:	2 pcs. K Type (NiCr - Ni)

Type	Panel sizes	No. of.	H	W	D	Power
EFTC 6 / 15	W 200 x H 300 mm	2 pcs.	680 mm	1160 mm	700 mm	18 kVA

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