

## Table electric KILNS for Ceramics - FCH / FCHE Series

Electric Kilns designed for Ceramics, photo-ceramics and Glass decoration up to 1100°C or up to 1300°C keen for gres and porcelain.

### STRUCTURE:

Front loading kilns

Table steel structure – industrial painted

Swing door

Basement on request

### THERMICAL PART

- Heating over 2 sides in model FCH/FCHE 30
- Heating over 3 sides in all other articles

Heating elements in Kanthal alloy, inserted in the wall chamber grooves (for an easy maintenance and replacement)

Manual cooling by exhaust upper valve

### INSULATION

multilayer insulation:

- FCHE SERIES 1100°C : by Biosoluble Fibre (no RCF) boards for kilns up to 1100°C: same low thermal conductivity as RCF and same output (Kw), but exonerated and not classified as carcinogenic by IARC and Regulation EC no. 1272/2008 (CLP)
  - FCH SERIES 1300°C : by Refractory Ceramic Fiber (RCF) boards, for kilns up to 1300°C (RCF): material classified as carcinogenic by IARC and Regulation EC no. 1272/2008 (CLP)
- Attention! Only for Professional Usage

### CONTROL PANEL:

Thermocouple: K type up to 1100°C or S type up to 1300°C

Security device : interrupting automatically the power when opening the door

Controller: allowing the programming of the firing cycle and the automatic restarting in case of short-term power loss.  
mod. TC51 storing up to 9 programs and 12 steps,

Double contactors and SSR heating control : silent and wear-less Solid State Relay for accurate and precise temperature control).  
CE declaration of Conformity

On request:

- Tables: Solid iron structure epoxy painted, with 2 shelves
- cm 65x65 h 65
- cm 70x70 h 65
- cm 80x80 h 65
- 4 wheels for hobby tables (2 provided with brakes)
- Refractory accessories for firing (plates and columns)



## Ecological Fiber Kilns up to 1100°C - FCHE Series

operative temperature	code	computer	Chamber L x P x H	Overall measures L x P x H	Volt	Kw	kgs
1100°C	FCHE 30	TC51	30 x 30 x 35	73 x 70 x 76	230	2.2	80
1100°C	FCHE 50	TC51	35 x 35 x 42	80 x 75 x 82	230	2.5	100
1100°C	FCHE 70	TC51	40 x 40 x 45	85 x 83 x 88	230	2.8	115
1100°C	FCHE 90	TC51	44 x 50 x 40	90 x 98 x 80	230	3.6	120
1100°C	FCHE 100	TC51	40 x 60 x 45	85 x 83 x 105	230	4.5	130
1100°C	FCHE 100 T	TC51	40 x 60 x 45	85 x 83 x 105	400	4.5	130
1100°C	FCHE 150	TC51	50 x 60 x 50	95 x 90 x 105	230	5.8	150
1100°C	FCHE 150 T	TC51	50 x 60 x 50	95 x 90 x 105	400	5.8	150

## Ceramic Fiber Kilns up to 1300°C - FCH Series:

operative temperature	code	computer	Chamber L x P x H	Overall measures L x P x H	Volt	Kw	kgs
1300°C	FCH 30/h	TC51	30 x 30 x 35	73 x 70 x 76	230	3.0	85
1300°C	FCH 50/h	TC51	35 x 35 x 42	80 x 72 x 82	230	3.5	115
1300°C	FCH 70/h	TC51	40 x 40 x 45	85 x 83 x 88	230	4.5	125
1300°C	FCH 90/h	TC51	44 x 50 x 40	90 x 98 x 80	230	5.0	130
1300°C	FCH 100/h	TC51	40 x 60 x 45	85 x 83 x 105	230	6.0	150
1300°C	FCH 100/h T	TC51	40 x 60 x 45	85 x 80 x 105	400	6.0	150
1230°C	FCH 150/h	TC51	50 x 60 x 50	95 x 90 x 105	400	7.5	160