



# Frontloaded kiln KE-SC

## Overview and technical data



Model ELS 330-SC (See all models and data on next page).

- Unique and patent protected ceiling construction eliminates repair of arched ceilings and prevents contamination of goods as the entire ceiling is joined mortar-free.
- Heating from five sides, Kanthal A1 on ceramic tubes for unhampered heating.
- No corrosion and low outer temperature due to “In-Frame-Ventilation, moist air is evacuated through frame ventilation.
- Three layer insulation solution with high-quality, reduction-resistant insulation bricks.

## General

The KE-SC series consists of three frontloaded kilns, mainly constructed for professional use in the ceramic studio or different education activities i.e. schools or work shops. The heating elements are mounted on ceramic tubes for free heat distribution and the heating from five sides provides an even temperature in the kiln chamber.

The In-Frame Ventilation prevents corrosion and reduces surface temperatures – a feature that is not usually standard in kiln construction.

The insulation consists of four layers. We use only high-quality, reduction-resistant insulating firebricks inside the firing chamber. For the back insulation we use state-of-the-art insulating materials which make these kilns particularly energy efficient.

We also use our proven ceiling construction system which has been used successfully for more than 20 years. The combination of ceiling supports made from high-quality industrial ceramics and precision-fitted insulating firebricks prevents any particles falling from the ceiling onto the goods.



Corrosion protection and low surface temperature due to In-Frame Ventilation.

Exhaust air socket  $\varnothing$  80 mm for connection.

Silent, low-wear solid state relay with external cooling element.

Security switch mounted in a safe position.



### Controller G20-20 ALL IN

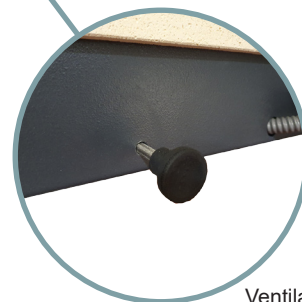
An intelligent controller providing all the safety you need but still easy to operate.

G20-20 can store 20 firing programs, 12 programs are pre-programmed according to handle the most common types of firing schedules for glass and ceramics i.e. biscuit firing, earthen- and stoneware glazes, glass fusing, slumping etc.

All programs can be changed to fit your need.

G20-20 is specially developed for the Nordic market with regards to temperatures and firing processes i.e. RATE ( $^{\circ}\text{C}/\text{h}$ ) – TEMPERATURE – TIME (soak).

Read more about G20-20 on [www.cebex.se](http://www.cebex.se)



Ventilation handle in kiln front for control of air input in kiln bottom.



3 year product warranty. Except for wear parts (see Cebex Product warranty).

Model	Temp $^{\circ}\text{C}$	Inner dimension			Outer dimension			Power kW	Fuse A	Connect CEE	Weight (kg)	MWL* (kg)
		b	d	h	B	D	H					
KE 150-SC	1320	460	470	690	800	1050	1780	10,5	16	16A	365	60
KE 200-SC	1320	460	630	680	800	1210	1770	13,2	20	32A	415	80
KE 250-SC	1320	540	630	760	870	1200	1810	16,5	25	32A	470	100
KE 330-SC	1320	590	720	800	930	1280	1800	22,0	32	32A	530	130

We reserve us the right for changes without further notice. \*MWL = Maximum workload (total weight incl. refractories).

Cebex Keramikexperterna AB