

CEK3 Enamelling Kiln

Technical specifications

External dimensions:

18" wide x 20" deep x 17" high
460mm x 510mm x 435mm

Firing chamber dimensions:

12" wide x 12" x deep x 4" high
305mm x 305mm x 100mm

Maximum firing temperature: 1000°C

Operating Instructions

The CEK3 Enamelling kiln is designed for use at normal enamelling temperatures of 700 to 800°C, it has a maximum temperature of 1000°C.

The kiln is fitted with a red indicating light which illuminates when the power is switched on. Power to the kiln is controlled with a manual energy regulator. When turned to FULL the kiln normally reaches 750 - 800°C in thirty minutes. When the operational temperature is reached the energy regulator can be turned down to 3 or 4 and the temperature will be held without further increase. The operator will establish the most suitable settings with practice.

CAUTION

The top and bottom refractory bats should not be removed unless the mains supply is isolated as the elements will be exposed. They should only be removed for replacement of elements.

Instructions for replacing elements.

Kanthal A1 elements are used in this kiln to give many hours of life. If an element does fail follow the procedure described below.

1. Disconnect the mains supply.
2. Remove refractory bat to expose element.
3. Inspect for wear or damage.
4. Remove rear panel.
5. Disconnect relevant element
6. Remove porcelain lead in tubes at rear.
7. Remove failed element.
8. Inspect element brickwork grooves for any deposit left where element burnt out and clean out grooves.
9. Fit new element re-assemble as before.