

Kilncare Hobbyfuser 3 Kiln

Warm Glass UK - www.warm-glass.co.uk - Tel: 01934 863344



Description

A very popular and extremely reliable kiln, preferred by schools due to the robust build and large chamber, the Hobbyfuser is definitely more than just a hobby kiln, that's why we use one every day in our studio. Manufactured in the UK, the solid build and high attention to detail in the design makes it one of the best plug-in kilns on the market. Free 3 year manufacturer's warranty.

Ideal for glass fusing, slumping and casting.

Elements:

The kiln is equipped with high performance, hard-wearing infra-red quartz elements and well-designed insulation. What this means for your glass is that the Hobbyfuser will make the crucial ramp from 700c to 800c in as little as 9 minutes, ensuring the glass doesn't get "over-worked" by being in the heat longer than is required. The elements are located in the lid for even heating; this also makes them easy to replace if required. The elements are switched off when the lid is opened by an automatic safety switch.

Lid:

The lid is made from stainless steel: powder coated and oven baked. It is lined out with press cut, non-ceramic fibre. This eliminates the risk of brick dust particles dropping from the lid, making for a very clean firing environment. The lid construction enables the Hobbyfuser to retain the heat when needed but still release heat rapidly during the all-important cool-down period.

The lifting and closing of the lid is a single finger operation thanks to a pair of specifically manufactured and designed Stainless Steel coil springs at the rear of the kiln. There are also two handles for left or right hand lifting and a new design of catch to hold the lid closed.

In the centre of the lid is a vent hole which comes with a matching plug. This is positioned to the rear of the chamber to avoid particle contamination on the glass.

Base:

The base section of the chamber is made from refractory brick and made in such a way that the bricks can be easily replaced without the need for cement etc. With only approximately 2 thirds of the available height being in the base it means that access to the floor is not restricted by high walls.

Controller:

The Hobbyfuser comes fitted with the new KCR2 controller. It has 9 fully adjustable programs, each with 9 segments. Each segment consists of 1 x rate of climb, 1 x target temperature and 1 x dwell/hold.

- Pre-set with 9 useful glass programs for fusing and slumping. All these programs can be altered to suit your own needs.
- Displays the kiln temperature, whether the kiln is heating or cooling, the present segment number and whether the kiln is running.
- Start delay feature.
- Segments can be skipped during firing if required.
- Pause feature the enables the user to "freeze" the temperature at any given time during the process.
- Shows how much electricity has been used during the present/last firing
- Safety features such as broken thermocouple detection and various kiln fault alarms.
- The KCR2 gets its data from an ultra-fast response, stainless steel thermocouple. This ensures that there is no lag between the kiln temperature and the KCR2s control, meaning you get reliable results every time. The KCR2 comes with a stand which to sit at a comfortable angle on a bench to or to be fixed to the wall or kiln stand.



Stand (Optional):

The optional Hobbyfuser stand has two shelves, one for the kiln to sit on and one for your own use. It raises the kiln by 650mm to a comfortable working height. It is made of steel and is powder coated in blue to match the kiln. The stand is supplied ready for assembly.

Shelf (Optional):

| Kiln Shelf Information | | | | | | |
|------------------------|--------|--------------------------------|---------------------------|----------------------|----------------------|---|
| Kiln | Shape | Length x Breadth (or Diameter) | Biggest Circle (Diameter) | Biggest Square (LxB) | No. of 10cm coasters | Diagram (showing coasters) |
| Hobbyfuser | Square | 38 x 38cm | 38cm | 38 x 38cm | 9 |  |

Delivery dimensions: The kiln will be delivered boxed on a pallet measuring 110cm x 94cm

Other Information:

The Hobbyfuser is built for a long life span and the 3 year warranty covers all parts INCLUDING the elements.

The Hobbyfuser comes complete with a 13 amp plug.

Fully complies with all European and CE requirements.

Shelf kit and stand are optional.

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|---------------------------------|--|
| Inner dimensions | 415mm x 415mm x 200mm. |
| Outer dimensions | 750x740x460mm (WxDxH) |
| Kiln shelf supplied | 38 x 38cm |
| Maximum shelf size | 41 x 41cm |
| Weight | Approx. 75kg |
| | |
| Power rating | 2.5 KW |
| Breaker size | 13 Amp |
| Power supply | 240v (standard plug) |
| Maximum Temperature | 950 °C |
| | |
| Average cost of a firing | Less than 90p |
| Normal delivery time | Approx. 4 weeks |
| Manufacturer's Warranty | Kilncare 3 Year Warranty (inc. elements) |

Kilns contribute towards our discount programme but do not qualify to receive discounts.