

SAM MUI KUANG POTTERY

Nabertherm Kilns (Front Loader)

Model	Tmax °C	Inner dimensions in mm			Vol in l	Outer dimensions in mm			Power Rating kW	Electrical connection	Weight in kg
		w	d	h		W	D	H			
N 40 E	1300	350	330	350	40	640	800	600	2,9	1-phase	90
N 70 LE	1200	400	380	450	70	690	850	700	2,9	1-phase	120
N 70 E	1300	400	380	450	70	690	850	700	3,6	1-phase	120
N100 E	1300	460	440	500	100	750	910	750	7.0	3-phase	150



N 40 E as tabletop device



N 70 E with base as additional equipment

N 40 E - N 100 E

These chamber furnaces impress with their attractive price, appealing design and their excellent craftsmanship. The models N 40 E - N 100 E are ideally suitable for decorating porcelain and glass as well as pottery and fusing applications.

Top quality:

- Tabletop mounting
- Base as additional equipment
- Comfortable charging height of 760 mm (incl. optional base frame)
- Heating from both sides with high-quality heating elements, protected in grooves
- Long-lasting, heavy-gauge heating elements
- Solid state relays provide for low-noise operation
- Fast power switching for precise temperature uniformity

- Thermocouple Type S
- Double-walled door with low outside temperatures
- Door safety switch shuts down power to the elements when the door is opened
- Multi-layered lining with light weight insulation bricks and microporous insulation for a cooler shell and low power consumption
- Housing made of sheets of textured stainless steel
- Infinitely adjustable air inlet opening in the kiln door for improved ventilation and reduced cooling time
- GS safety mark for controlled safety, CE

Kiln Controller

The Nabertherm controllers convince with their intuitive operation and a contemporary design. They are operated via a central control dial (Jog Dial). Temperatures and program information are presented in a clear, high-contrast LC display.

In developing the controller, the ease of use was the focus. For convenient operation, the controller may be taken off from the holder at the kiln. The program is entered in plain text, so that all steps are easy to follow. Firing curves can be saved under their name for unique assignment (e.g. glaze firing).

When connected to a kiln for firing ceramics, five sample programs are stored in the controller (two bisque firings and three glaze firings). These programs can easily be used as a basis for an individual adaptation to the actually required firing curve. You can overwrite and save again with the required times and temperatures. Via an integrated real time clock, the kiln can be started delayed e.g. in the evening for a firing overnight.

Each controller of series B400 to P470 is equipped as standard with a USB interface. The firing will be documented on a USB stick, which has to be inserted during the operation. After the firing has been finished it can be easily read-out using the software NTGraph (freeware), which is based on Microsoft Excel as user interface. The visualization is presented in tabular form or as a clearly colored graphic.



B400
5 programme
4 segments



C440
10 programme
20 segments