K front loading kiln

up to 1340/1400 °C

Do you need to burn a larger amount of decorative or industrial ceramics? The K kiln is ideal for use in the ceramics industry. It can burn a large number of pieces, saving you time and money. This kiln's shape and design ensure perfect temperature distribution and the option of quick run-up to the required temperature.

K 200

STANDARD KILN EQUIPMENT:

- HtCeramic controller (20 programmes with 15 steps each)
- Resistance heating (heating spirals) from five sides, including the bottom
- "S" type thermocouple
- Solid state relay (smooth and noise-free operation, minimal interference with surrounding equipment)
- Slide valve for controlling air intake at the bottom of the kiln
- Flue for K 50 – K 300, manually controlled ventilation flap for K 500 – K 2000
- Limit switch for safe opening of the kiln doors
- Manually-operated door opening to the left
- SiC plate at bottom of kiln
- Stand for models K 50 through K 300
- Heating spirals made from Kanthal APM and Alsint ceramic tubes (only for temperatures of 1400 °C)

Simple operation and installation

Atypical modifications

Shipment from 6 weeks

24 Warranty 24 months

Instant technical support

RECOMMENDED ACCESSORIES AT AN ADDITIONAL COST:

- Ht205 controller (30 programmes with 15 steps each)
- Automatic ventilation flap (only with the Ht205 controller), manually controlled ventilation flap (for K 50 – K 300)
- HtMonit EV set (include interface + software), RS-485 interface, LAN interface (only with the Ht205 controller)
- Digital temperature recorder
- Optimisation of the temperature field for compliance with DIN 17052-1 ΔT 20 °C
- Additional custom components such as uncontrolled or controlled forced overpressure cooling, multi zone heating system (K 500 – K 2000), door opening (electrohydraulic)

After consulting, we offer also other possibilities of modification of your equipment according to your requirements.

K 2000

K 700 with door opening (electrohydraulic)

Type	Tmax**	Recommended operating temperature range	Volume	External dimensions* (w×h×d)	Internal dimensions (w×h×d)	Heating power	Weight	Voltage	Protection	Max. load capacity of bottom
	°C	°C	l	mm	mm	kW	kg	V	A	kg
K 50/13	1300	700-1250	50	910×1405×1070	350×350×400	5,5	125	400	16/3	50
K 70/13	1300	700-1250	80	910×1465×1070	350×450×450	7,5	165	400	16/3	50
K 120/13	1340	700-1300	120	1010×1535×1140	450×530×500	10,5	260	400	16/3	80
K 150/13	1340	700-1300	150	1010×1620×1160	450×600×530	15	320	400	25/3	80
K 200/13	1340	700-1300	200	1060×1800×1185	500×750×530	20	360	400	40/3	120
K 250/13	1340	700-1300	230	1090×1800x1230	520×800×550	23	420	400	40/3	120
K 300/13	1340	700-1300	310	1105×1820×1340	560×800×710	27	480	400	63/3	200
K 500/13	1340	700-1300	490	1460×1825×1460	650×1000×750	40	770	400	80/3	300
K 700/13	1340	700-1300	730	1550x1925x1610	750×1100×900	60	990	400	100/3	400
K 1000/13	1340	700-1300	1000	1570×2120×1775	800×1263×1000	75	2300	400	125/3	500
K 1500/13	1340	700-1300	1540	1800x2300×2050	950×1350×1200	110	2950	400	200/3	800
K 2000/13	1340	700-1300	2100	2150×2500×2450	1000×1500×1400	130	3300	400	250/3	1000
K 120/14	1400	700-1350	120	1010×1535×1140	450×530×500	10,5	230	400	16/3	80
K 150/14	1400	700-1350	150	1010×1620×1160	450×600×530	15	280	400	25/3	80
K 200/14	1400	700-1350	200	1060×1800×1185	500×750×530	20	310	400	40/3	120
K 250/14	1400	700-1350	230	1090×1800x1230	520×800×550	23	360	400	40/3	120
K 300/14	1400	700-1350	310	1105×1820×1340	560×800×710	27	420	400	63/3	200
K 500/14	1400	700-1350	490	1460×1825×1460	650×1000×750	40	700	400	80/3	300
K 700/14	1400	700-1350	730	1550x1925x1610	750×1100×900	60	920	400	100/3	400
K 1000/14	1400	700-1350	1000	1570×2120×1775	800×1263×1000	75	1550	400	125/3	500
K 1500/14	1400	700-1350	1540	1800x2300×2050	950×1350×1200	110	2600	400	200/3	800
K 2000/14	1400	700-1350	2100	2150×2500×2450	1000×1500×1400	130	2900	400	250/3	1000

** For the kilns exterior dimension, the height is given including the stand (K 50 – K 300). The stand's height is 615 mm. The stated width includes the controller 160 mm (K 50 – K 300) and the switchboard 250 mm (K 500 – K 2000).*

*** Tmax is the maximum temperature which can be attained by the kiln, but is not suitable for long-term operation.*