



Chamber kiln N 100



Chamber kiln N 200

N 100 - N 2200/H

First-class craftsmanship, professional design, long service life and excellent temperature uniformity – these are a few of the reasons our chamber kilns N 100 to N 2200/H are our best sellers to everyone looking for a professional kiln. These chamber kilns have proven their worth through the years, firing porcelain, stoneware and annealing glass, also in case of tight setting and temperatures of up to 1340 °C. You will find these kilns in industry as well as in ceramic workshops, studios, clinics, schools and private homes – practically every place where a rugged, capable of frequent firings and excellent temperature uniformity is required. Most chamber kilns are available from stock. Also bigger models are available with short delivery times.

- Dual shell housing, galvanized steel sheets
- Front made of textured stainless steel
- Environment-friendly, long-life powder-coating of housing
- Rugged, self-supporting, vaulted arch construction
- Controller mounted on kiln door and removable for comfortable operation
- Multi-layer insulation with light-weight refractory bricks and high-quality, energy-saving backing insulation
- Lightweight refractory bricks inside kiln chamber for clean firing results
- Dual shell door with long-live sealing
- Door sealing grinded by hand (brick on brick); N 100.. - N 300..
- Door is adjustable
- Door safety switch shuts down power to the elements when the door is opened
- Heating from five sides with special arrangement of heating elements for optimum temperature uniformity
- Heating elements of support tubes provide for free radiation of the heat
- Solid state relays provide for low-noise operation
- Rapid switching cycles result in precise temperature control



Chamber Kilns, Heated from Five Sides



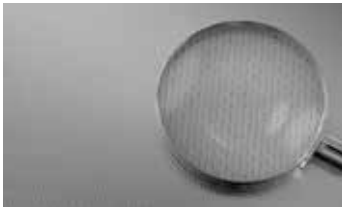
N 300



N 660/H



Motor driven exhaust air flap from chamber kiln N 440



Front made of textured stainless steel

- Type S thermocouple
- Residual drying function: Air inlet flap closes at a temperature which can be set in the controller for N 100.. - N 300..
- Exhaust air outlet in the ceiling, motor driven exhaust air flap for chamber kilns N 440.. - N 2200..
- Delivery incl. pipe connection for connecting an air outlet with 80 mm diameter for N 100.. - N 300..
- SiC-floor plate protects floor elements and provides a level setting surface
- Base included in delivery (chamber kilns N 100.. - N 300..). Fixed base for larger models
- Comfortable charging height with base of 800 mm (N 440../N 660.. = 500 mm)
- Defined application within the constraints of the operating instructions
- NTLog for Nabertherm Controller: Recording of process data with USB-flash drive
- Controls description see page 30

Model	Tmax °C	Inner dimensions in mm			Volume in l	Outer dimensions in mm			Connected load kW	Electrical connection*	Weight in kg
		w	d	h		W	D	H'			
N 100	1300	400	530	460	100	720	1130	1440	9.0	3-phase	275
N 150	1300	450	530	590	150	770	1130	1570	11.0	3-phase	320
N 200	1300	470	530	780	200	790	1130	1760	15.0	3-phase	375
N 300	1300	550	700	780	300	870	1300	1760	20.0	3-phase	450
N 440	1300	600	750	1000	450	1000	1400	1830	30.0	3-phase	780
N 660	1300	600	1100	1000	650	1000	1750	1830	40.0	3-phase	950
N 1000	1300	800	1000	1250	1000	1390	1760	2000	57.0	3-phase	1800
N 1500	1300	900	1200	1400	1500	1490	1960	2150	75.0	3-phase	2500
N 2200	1300	1000	1400	1600	2200	1590	2160	2350	110.0	3-phase	3100
N 100/H	1340	400	530	460	100	760	1150	1440	11.0	3-phase	325
N 150/H	1340	430	530	620	150	790	1150	1600	15.0	3-phase	380
N 200/H	1340	500	530	720	200	860	1150	1700	20.0	3-phase	430
N 300/H	1340	550	700	780	300	910	1320	1760	27.0	3-phase	550
N 440/H	1340	600	750	1000	450	1000	1400	1830	40.0	3-phase	880
N 660/H	1340	600	1100	1000	650	1000	1750	1830	52.0	3-phase	1080
N 1000/H	1340	800	1000	1250	1000	1390	1760	2000	75.0	3-phase	2320
N 1500/H	1340	900	1200	1400	1500	1490	1960	2150	110.0	3-phase	2700
N 2200/H	1340	1000	1400	1600	2200	1590	2160	2350	140.0	3-phase	3600

N 1500

*Base included

*Please see page 30 for more information about supply voltage