

ELECTRIC OVENS FOR HEAT TREATMENTS UP TO 1300°C

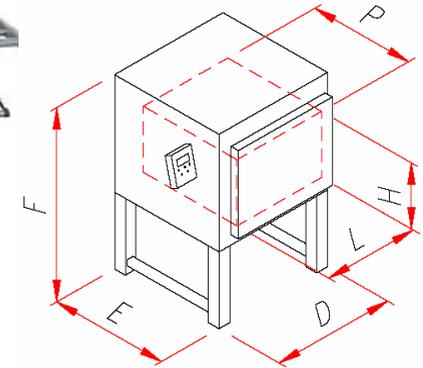
OVEN TYPE
NBT

Universal chamber oven with radiant heating, specially designed for the most demanding heat treatment applications. Ideal for tool construction processes and treatments such as annealing, hardening, forging and tempering. With the use of appropriate accessories, these ovens are perfect for multi-purpose use.

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MAIN FEATURES:

- Sturdy, compact construction
- Heating on three sides (sides and bottom)
- Heating elements on the sides are protected inside grooves
- Bottom heating element protected by heat-conducting silicon carbide plate
- Door can be installed vertically, opening by sliding downwards (the door protects against radiated heat)
- The top of the door is fitted with stainless steel sheets with anti-burn protection
- Door movement using gas shock absorber
- Vent connection on the rear wall of the oven
- Uniform distribution of temperature complies with DIN 17052-1, up to T +/- 10K
- Low power consumption thanks to the insulating multi-layer refracting structure



MODEL		NBT-N7/H	NBT-N11/H	NBT-N11/HR	NBT-N17/HR	NBT-N31/H	NBT-N41/H	NBT-N61/H	NBT-N81	NBT-N161	NBT-N321	NBT-N641	NBT-N81/13	NBT-N161/13	NBT-N321/13	NBT-N641/13
Chamber capacity	[Liters]	7	11	11	17	30	40	60	80	160	320	640	80	160	320	640
Max temperature	[°C]	1280	1280	1280	1280	1280	1280	1280	1200	1200	1200	1200	1300	1300	1300	1300
Electric power	[kW]	3	3,6	5,5	6,4	15	15	20	20	30	47	70	22	35	60	80
Electrical connection	[V]	1-phase	1-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase	3-phase
Inner chamber dimensions	L [mm]	250	250	250	250	350	350	350	500	550	750	1000	500	550	750	1000
	P [mm]	250	350	350	500	350	500	750	750	750	1100	1300	750	750	1100	1300
	H [mm]	120	140	140	140	250	250	250	250	400	400	500	250	400	400	500
Overall dimensions	D [mm]	720	720	720	720	840	840	840	1140	1180	1400	1690	1220	1260	1480	1770
	E [mm]	640	740	740	890	1010	1160	1410	1900	1930	2270	2670	1960	1990	2330	2730
	F [mm]	510	510	510	510	1320	1320	1320	1790	1980	2040	2240	1840	2030	2090	2290
Approximate weight	[Kg]	60	70	70	90	210	260	400	820	910	1300	2100	900	1000	1500	2500