



Drying Cabinets with natural and forced air convection

T max 250 °C

- Very fast and accurate laboratory drying cabinets
- Designed for demanding and precise tests and drying processes and for materials and processes with high amount of humidity
- High quality and safe drying, heating and tempering in laboratories and industry
- Chamber volume 23 - 715 litres
- Temperature range starting from +10 °C above ambient temperature up to 250 °C
- Patented system with special air circulation inside the chamber for very homogeneous temperature uniformity during all drying, heating and sterilisation processes
- User-friendly, very accurate temperature control and fast temperature recovering after charging
- Standard version with micro-processor controller, LCD indication for process details
- Wide range of additional accessories and extras
- Also with natural thermal air circulation for very smooth air stream in the chamber, noise-free (models KTL 20/02 - KTL 700/02)

Accessories:

- Also for 300 °C instead of 250 °C
- Window and illumination (from model 60)
- Cable feed through, door mounted on left side, drip tray
- Additional PT 100 sensor
- Software for Windows PC, interface for PC and recorder
- HEPA-Filter mounted in the air inlet
- Outer case made of stainless steel
- 1-, 3-, 9-point temperature measuring and 27-point according DIN 12880
- Possibility of validation (IQ, OQ) incl. 9-point measuring



Technical Data:

Model	T max [°C]	Inner dimensions [mm] Width x Depth x Height	Volume [l]	Outer dimensions [mm] Width x Depth x Height	Power [kW]	Voltage [V]	Weight [kg]
KT	20/02	240 x 320 x 295	23	406 x 580 x 604	1,0	230 V 1/N	31
KT	60/02	400 x 390 x 350	55	620 x 640 x 680	1,3	230 V 1/N	55
KT	120/02	540 x 390 x 530	112	760 x 640 x 860	1,9	230 V 1/N	75
KT	240/02	540 x 540 x 760	221	760 x 790 x 1090	1,9	230 V 1/N	100
KT	400/02	540 x 540 x 1410	411	760 x 790 x 1910	3,6	400 V 3/N	150
KT	700/02	940 x 540 x 1410	715	1160 x 790 x 1910	4,5	400 V 3/N	215
KT	20/02/A	240 x 320 x 295	23	406 x 580 x 604	1,0	230 V 1/N	31
KT	60/02/A	400 x 390 x 350	55	620 x 640 x 680	1,3	230 V 1/N	55
KT	120/02/A	540 x 390 x 530	112	760 x 640 x 860	1,9	230 V 1/N	75
KT	240/02/A	540 x 540 x 760	221	760 x 790 x 1090	1,9	230 V 1/N	100
KT	400/02/A	540 x 540 x 1410	411	760 x 790 x 1910	3,7	400 V 3/N	150
KT	700/02/A	940 x 540 x 1410	715	1160 x 790 x 1910	4,9	400 V 3/N	215

Vacuum Drying Cabinets

T max 200 °C

- Fast, smooth, ecological - Lab dryer for high demands
- Vacuum-drying cabinets offer noiseless operation, very smooth probe heating
- Most suitable for drying of thermal instable and oxidation sensitive materials, parts with difficult shape, for drying of probes in vacuum
- Chamber volume of 26, 55 und 106 litres
- Temperature range starting from +5 °C above ambient temperature up to 200 °C
- User-friendly, very accurate temperature control and fast temperature recovering after charging
- Standard version with micro-processor controller, LCD indication for process details
- Wide range of additional accessories and extras e.g. base cabinet for vacuum station



Accessories:

- Charge-thermocouple for independent measuring inside the chamber or on the probe
- Inner chamber made of stainless steel
- Base cabinet for vacuum station, to integrate vacuum pump and necessary devices
- Illumination, female plug in the chamber
- Chemical resistant vacuum pump (also with emission trap and emission condenser)
- Vacuum control system
- Additional PT 100 Sensor
- Software for Windows PC, interface for PC and recorder
- 1-, 3-, 9-point temperature measuring and 27-point according DIN 12880
- Possibility of validation (IQ, OQ) incl. 9-point measuring



Technical Data:

Model	T max [°C]	Inner dimensions [mm] Width x Depth x Height	Volume [l]	Outer dimensions [mm] Width x Depth x Height	Power [kW]	Voltage [V]	Weight [kg]
KT	20/02/V	340 x 260 x 300	26	560 x 490 x 700	1	230 V 1/N	65
KT	60/02/V	400 x 320 x 430	55	620 x 550 x 830	1,2	230 V 1/N	98
KT	120/02/V	540 x 410 x 480	106	760 x 640 x 880	1,8	230 V 1/N	130



High Temperature Ovens

T max 450 °C, 650 °C and 850 °C

- Air-circulation chamber furnaces up to 850 °C, suitable for tempering, ageing, pre-heating, drying, shrinking and testing
- Rugged casing made of high grade steel sheets
- Hinged door mounted on the right side
- Inner liner of heat-resistant stainless steel, long service life, extremely resilient, corrosion resistant
- 2 pairs of sheet-metal tray holders included as standard (KU 15/06/A without trays), sheet-metal trays optionally available
- Efficient insulation for low heat losses, low energy consumption and low energy costs
- High-grade heating elements with long service life
- Powerful air-circulation for high temperature uniformity inside the furnace chamber up to +/- 5 K acc. to DIN 17052
- Base included in standard supply (KU 15/06/A as bench-type furnace without base)

Accessories:

- Lift door with pneumatic drive
- Fresh air valve and exhaust flaps for extended ventilation of furnace chamber
- Controlled cooling system to accelerate cooling times
- Protective gas connection
- Annealing retort system

Technical Data:

Model	T max [°C]	Inner dimensions [mm] Width x Depth x Height	Volume [l]	Outer dimensions* [mm] Width x Depth x Height	Power [kW]	Voltage [V]	Weight [kg]
KU 40/04/A	450	300 x 400 x 300	35	570 x 1020 x 1305	3,2	230 V 1/N	115
KU 70/04/A	450	350 x 500 x 400	70	620 x 1120 x 1405	4,3	400 V 3/N	130
KU 140/04/A	450	450 x 600 x 500	140	720 x 1220 x 1505	5,8	400 V 3/N	205
KU 270/04/A	450	600 x 750 x 600	270	870 x 1390 x 1605	9,8	400 V 3/N	370
KU 540/04/A	450	750 x 900 x 800	540	1020 x 1540 x 1805	13,8	400 V 3/N	540
KU 15/06/A	650	300 x 350 x 150	15	500 x 900 x 440	2,6	230 V 1/N	63
KU 40/06/A	650	300 x 400 x 300	35	540 x 1050 x 1270	4,3	400 V 3/N	125
KU 70/06/A	650	350 x 500 x 400	70	590 x 1150 x 1370	8,3	400 V 3/N	140
KU 140/06/A	650	450 x 600 x 500	135	690 x 1250 x 1470	12,3	400 V 3/N	220
KU 270/06/A	650	600 x 750 x 600	270	840 x 1450 x 1620	16,8	400 V 3/N	480
KU 540/06/A	650	750 x 900 x 800	540	990 x 1600 x 1820	24,8	400 V 3/N	560
KU 40/08/A	850	300 x 400 x 300	35	850 x 1360 x 1470	7,1	400 V 3/N	290
KU 70/08/A	850	350 x 500 x 400	70	900 x 1460 x 1570	11,0	400 V 3/N	360
KU 140/08/A	850	450 x 600 x 500	135	1000 x 1560 x 167	15,1	400 V 3/N	580
KU 270/08/A	850	600 x 750 x 600	270	1150 x 1710 x 1770	21,1	400 V 3/N	770
KU 540/08/A	850	750 x 900 x 800	540	1300 x 1860 x 1970	31,1	400 V 3/N	920

*Furnace width without switchgear cabinet (+ 260 mm), height incl. base, charging height approx. 900 mm (not KU 15/06/A)

High temperature ovens

T max 750 °C, temperature uniformity +/- 3 K

- Air-circulation furnaces up to 750°C
- 4-side heating
- High grade heating elements with long service life
- Powerful, horizontal air circulation system from 4 sides
- Very uniform temperature homogeneity of up to +/- 3 K accord. DIN 17052

Accessories:

- Semi-gastight version for protective gas operation
- Low-dust version with fully covered insulation available
- Lift door with pneumatic drive
- Fresh air valve and exhaust flaps for extended ventilation of furnace chamber
- Controlled fresh air system with fan to accelerate cooling times
- Manual or automatic gassing systems
- Annealing retort system



Technical Data:

Model	T max [°C]	Inner dimensions [mm] Width x Depth x Height	Volume [l]	Outer dimensions [mm] Width x Depth x Height	Power [kW]	Voltage [V]	Weight [kg]
KU 40/07/A	750	300 x 400 x 300	35	610 x 1050 x 1410	5,5	400 V 3/N	140
KU 70/07/A	750	350 x 500 x 400	70	660 x 1150 x 1510	10,7	400 V 3/N	170
KU 140/07/A	750	450 x 600 x 500	135	760 x 1260 x 1610	14,3	400 V 3/N	290
KU 270/07/A	750	600 x 750 x 600	270	950 x 1460 x 1750	21,7	400 V 3/N	590
KU 540/07/A	750	750 x 900 x 800	540	1100 x 1610 x 1950	28,7	400 V 3/N	700