



CHAMBER FURNACE **PKR** WITH GASTIGHT RETORT

APPLICATION: all above for heat treatment of materials under the protective atmosphere (argon, nitrogen), up to max. temperature 1100° C, low protective gas consumption, bright annealing, tempering, metal powder sintering, etc.



STANDARD DESIGN

- INDUSTRY controller with a limit unit
- Thermocouple (type S) placed in gastight retort
- Solid state relay SSR
- Gastight retort
- Space of thermocouple location inside the retort
- Low protective gas consumption
- Heating elements on both sides and the bottom
- Maximum temperature 1100 °C
- Even heat distribution in the heat chamber
- Manual control of water-cooled door
- Insulation of light-weighted bricks, mineral fibre and parts of refractory concrete
- Silicone rubber doorstrip

ACCESSORIES AS AN EXTRA

- Graphic temperature recorder
- Connection of controller to PC
- Protective atmosphere supply
- Forced cooling with an automatic flap on cooling air output
- Charge thermocouple
- Air pump

Type	T. max. °C	Capacity l	Inside dimensions of the retort mm (wxhxd)	Inside dimensions of the chamber mm (wxhxd)	Outside dimensions of the furnace mm (wxhxd)	Power kW	Protection A	Weight kg	Voltage V
PKR 35/11	1100	10	220x200x460	290x250x550	1100x910x1320	11	20/3	400	400
PKR 55/11	1100	20	320x200x610	400x250x680	1180x910x1450	13	25/3	570	400
PKR 130/11	1100	50	450x200x850	500x250x900	1230x910x1650	21	40/3	950	400
PKR 180/11	1100	90	500x340x850	550x400x900	1390x1060x1650	29	50/3	1050	400
PKR 350/11	1100	165	700x340x1265	750x450x1310	1600x1110x2200	50	80/3	1350	400

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