



ST SERIES

Maximum temperature 1800°C

SINCE 1946



GENERAL CHARACTERISTICS (COMMON)

Metal box with chrome-phosphatizing base protection and exterior finish with heat resistant metallic paint. Strengthened construction, modern lines and perfect finish.

Opening handle of the electrically and thermally isolated door.

Four heating areas with resistances protected with KANTHAL thread (5 zones mod. HCV-30).

Studied refractory components to resist as much as possible temperature changes and use of different ceramic paste qualities in the various parts depending on their temperature and work fatigue. Incorporated in the furnace wax evacuation tray, wax gathering drawer and smoke evacuating chimney.

Heat resistance based on refractory isolation of very low thermal conductivity coefficient. Easy and quick exchange of the heating resistances and their supporting plates by the user himself without needing any tools or specialized personnel.

Door system permanently adjusted with a slight pressure on the furnace frame; the door is never badly closed and it allows to leave it half-open if you wish to make a quick smoke evacuation. The complete door movement towards one side avoids the ceramic block to radiate heat on the worker when introducing or withdrawing the muffle load.

- Manufactured according to CEE standards.
- General safety switch.
- General safety contactor.
- Safety alarm on temperature.

EXECUTION MODE

1 programmer of 9 programs with 18 entwinable segments. Alarm. PID parameters. Microprocessor.

MODEL	Heating zone	Maximum combustion diameter	Voltage	Power Kw	Maximum Temperature	Heating elements	Furnace type position
ST 11	200	50-70	220 v.	2,5	1.150	Kanthal thread	Horizontal
ST 100	400-1.000	50-100	220 v.	3-9	1.150	Kanthal thread	Horizontal
ST 13	170	25	220 v.	3	1.350	Silicon carbide	Horizontal
ST 13-1	170	50	220 v.	5	1.350	Silicon carbide	Horizontal
ST 14	400-600	50-100	220 v.	5-10	1.400	Silicon carbide	Horizontal/Vertical
ST 15	170	22	220 v.	3	1.500	Silicon carbide	Horizontal
ST 15-1	400-600	50-100	220 v.	5-10	1.500	Molybdenum disilicon	Horizontal/Vertical
ST 16	400-600	50-100	220 v.	5-10	1.600	Molybdenum disilicon	Horizontal/Vertical
ST 17	400-600	50-100	220 v.	5-10	1.700	Molybdenum disilicon	Horizontal/Vertical
ST 18	400-600	50-100	220 v.	5-10	1.800	Molybdenum disilicon	Horizontal/Vertical

- Manufacture of special furnaces by request
- Reserved the right to change technical specifications