

Reis Series - Chamber Furnaces



Reis series of standard chamber furnaces are desktop type laboratory furnaces. “**Reis Series**” covers a temperature range from **1100°C to 1600°C** and volume range from 5 liters to 45 liters.

The vertical counter balanced door design minimizes the heat exposure that can harm the user’s health. Also door safety switch to protect users and the high temperature safety alert to protect heat chamber are integrated parts of the furnace.

The isolation bricks are used to enhance the strength of the opening and the bottom of the furnace against impact and friction. And double skin housing with ventilation gaps and adequate insulation the outer surface temperature is minimized.

The custom design **PID control** devices minimize the heat fluctuations on the set values. Every step on the control devices can be defined up to **9999** minutes and in case of a power loss the system resumes on.

	Delay	Ramp (Heating Curve)	Wait	Program*
EVO Mini	✓	✓	✓	1P 2S
EVO 770	✓	✓	✓	1P40S - 5P40S 20P40S

* P: Program, S:Step

Models	Maximum Temp. °C	Working Temp. °C	Outside Dim. HxWxD (mm)	Inner Dim.* HxWxD (mm)	Volume (Lt)	Type	Power (kW)
Reis 110/6	1100	1050	650 x 550 x 590	150 x 210 x 200	6	1	2.0
Reis 110/7	1100	1050	650 x 550 x 590	180 x 210 x 200	8	1	2.0
Reis 110/8	1100	1050	650 x 550 x 590	150 x 210 x 250	8	1	2.0
Reis 110/10	1100	1050	720 x 560 x 640	200 x 200 x 250	10	1	2.7
Reis 110/12	1100	1050	720 x 560 x 640	200 x 200 x 300	12	1	2.7
Reis 110/15	1100	1050	720 x 560 x 640	230 x 220 x 300	15	1	3.6
Reis 110/18	1100	1050	790 x 590 x 690	230 x 230 x 350	18	1	3.6
Reis 110/30	1100	1050	790 x 590 x 690	280 x 280 x 380	30	1	3.6
Reis 110/45	1100	1050	810 x 660 x 810	300 x 300 x 500	45	3	6.0
Reis Muffle	1150	1100	650 x 550 x 590	120 x 225 x 290	8	1	2.7
Reis 120/6	1200	1150	650 x 550 x 590	150 x 210 x 200	6	1	2.0
Reis 120/7	1200	1150	650 x 550 x 590	180 x 210 x 200	8	1	2.0
Reis 120/8	1200	1150	650 x 550 x 590	150 x 210 x 250	8	1	2.0
Reis 120/10	1200	1150	720 x 560 x 640	200 x 200 x 250	10	1	3.6
Reis 120/12	1200	1150	720 x 560 x 640	200 x 200 x 300	12	1	3.6
Reis 120/15	1200	1150	720 x 560 x 640	230 x 220 x 300	15	1	3.6
Reis 120/18	1200	1150	790 x 590 x 690	230 x 230 x 350	18	1	3.6
Reis 120/30	1200	1150	790 x 590 x 690	280 x 280 x 380	30	1	3.6
Reis 120/45	1200	1150	810 x 660 x 810	300 x 300 x 500	45	3	6.0
Reis 130/6	1300	1250	650 x 550 x 590	150 x 210 x 200	6	1	2.5
Reis 130/7	1300	1250	650 x 550 x 590	180 x 210 x 200	8	1	2.5
Reis 130/8	1300	1250	650 x 550 x 590	150 x 210 x 200	8	1	2.5
Reis 130/10	1300	1250	720 x 560 x 640	200 x 200 x 250	10	1	3.6
Reis 130/12	1300	1250	720 x 560 x 640	200 x 200 x 300	12	1	3.6
Reis 130/15	1300	1250	720 x 560 x 640	230 x 220 x 300	15	1	3.6
Reis 130/18	1300	1250	790 x 590 x 690	230 x 230 x 350	18	1	3.6
Reis 130/30	1300	1250	790 x 590 x 690	280 x 280 x 380	30	3	6.0
Reis 130/45	1300	1250	810 x 660 x 810	300 x 300 x 500	45	3	6.0
Reis 140/5	1400	1350	650 x 550 x 590	140 x 200 x 250	7	3	3.3
Reis 140/9	1400	1350	720 x 560 x 640	180 x 200 x 250	9	3	4.4
Reis 140/15	1400	1350	720 x 560 x 640	220 x 220 x 310	15	3	5.8
Reis 140/30	1400	1350	810 x 660 x 810	270 x 250 x 450	30	3	11.5
Reis 150/5	1500	1450	650 x 550 x 590	140 x 150 x 250	5	3	4.9
Reis 150/7	1500	1450	650 x 550 x 590	140 x 200 x 250	7	3	4.9
Reis 150/9	1500	1450	720 x 560 x 640	180 x 210 x 240	9	3	6.5
Reis 150/15	1500	1450	720 x 560 x 640	220 x 220 x 310	15	3	5.8
Reis 150/30	1500	1450	810 x 660 x 810	270 x 250 x 450	30	3	11.5
Reis 160/5	1600	1550	650 x 550 x 590	150 x 200 x 240	7	3	5.2
Reis 160/7	1600	1550	720 x 560 x 640	170 x 200 x 240	8	3	5.7
Reis 160/9	1600	1550	720 x 560 x 640	180 x 210 x 240	9	3	5.9
Reis 160/15	1600	1550	720 x 560 x 640	220 x 220 x 310	15	3	7.0
Reis 160/30	1600	1550	810 x 660 x 810	270 x 250 x 450	30	3	11.5

* There are ± 0.5 mm tolerance in our internal measures.