



## ECONOMIC CHAMBER FURNACES

### ECO SERIES

ECO series are small size bench top chamber furnaces. Available with brick and fiber insulation materials, these models provide the economical solution for heat treatment procedures up to 1100 °C. With the standard flap door, these units are the perfect solution for daily use.



#### MAXIMUM TEMPERATURE

1100 °C



#### CONTINUOUS OPERATING TEMPERATURE

50 °C below Tmax



#### VOLUME

3 to 15 liters

### Furnace properties:

- Dual skin housing for low external temperatures and high inner temperature stability
- Phosphate coated, and epoxy painted steel body outer case
- Quartz covered wire heating elements positioned on both sides of the hot-zone for prime temperature uniformity
- High durability brick door skirts & furnace floor
- Flap door, usable as a work platform
- Silent SSRs providing low-noise operation
- Leak current circuit breaker providing additional operator safety
- Over temperature alarm relay for furnace protection
- Customized controller options (Page 6)
- Easy maintenance design

\*For custom sized larger or smaller furnaces please contact us

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Inside Measurements (cm)			Volume (L)	Outside Measurements (cm)			Power (kW)	Phase
			H	W	D		H	W	D		
ECO 110/3	1100	1050	13	13	18	3.0	52	43	44	1.3	1
ECO 110/5	1100	1050	16	16	20	5.0	55	46	46	1.5	1
ECO 110/9	1100	1050	19	19	25	9.0	58	49	51	2.0	1
ECO 110/15	1100	1050	23	22	30	15.0	62	52	56	3.0	1