

Specifications

Product name	Roller Oven (Hydrothermal Synthesis Apparatus)
Model number	RDV-TM1
Convection syatem	Forced circulation
Temperature control range	Room temperature +10 °C ~ 250 °C
Temperature distribution	± 5 °C
Temperature arrival time	40 min approx.
Temperature control	SSR P.I.D control
Program control	4 Patterns 8 Steps
Safety function	Door alarm, Temperature higher and lower limit deviation alarm
	Earth leakage circuit breaker, Overvoltage protection circuit
	Overheat prevention independent circuit
Heater	1.2 kw Stainless steel tube type
Thermocouple	K
Inside dimension	W350 × D310 × H200 mm
Inside material	SUS304
Vessel shelf number	4 RDV-25 or 4 RDV-50 or 4 RDV-100 or 2 RDV-250
Rotation number of the vessel	68 rpm RDV-25 / 59 rpm RDV-50 / 50 rpm RDV-100,-250
Rotation number of the roller	100 rpm
Outer diameter of the roller	Φ40 mm
Drive motor	Speed control DC motor
Drive system	Sprocket and chain drive
Door type	Upward opening door
Outside dimension	W1123 × D493 H930 (Open door) / H1275 (Close door) mm
Outside material	Baking finish steel sheet
Weight	150 kg approx.
Power supply	Three-phase 200 V 4.5 A