

# Laboratory roto-molding machine

According to ISO 13955

## Specifications

Max. temperature	°C	350
Temperature constancy	°C	±2
Max rotational speed	rpm	50
Heating method elements	Resistance heating	
Chamber diameter	mm	600
Control type software	PLC and computer	
Mold type	Aluminum	
Cooling method	Air	
Carrier	Manual	
Heating power	W	2000
Total power	W	9000
Computer	O	
Computer Connection	USB	
Voltage data	230 V, 50 Hz	

● Included ○ available/optional

- Rotomold Maximum temperature 300C
- Max rotational speed 50rpm
- Temperature constancy in the chamber ±2C
- Heating method resistance element
- Control using PLC and computer
- Air cooling method
- Carrier movement manual
- Heating power 3000W
- Chamber diameter 600mm, Chamber length 540mm
- Including cubic mold dimension 180\*180\*180mm
- Protecting cover for cooling section
- Mold body from SS sheet (or aluminum based on customer request)
- Speed control of two rotation direction using software
- Multistep control of machine using software
- Step control of Temperature-Time-Speed up to 9 step
- Alarm function
- Reporting to MS office
- Graphing and saving data to PC
- Both manual and automatic control mode included in the software
- N2 gas control environment by software
- Vacuum pressure down to 10mm/Hg
- N2 and vacuum solenoid valves controllable in each step in automatic and manual mode
- Windows based software
- Training video

