

Rotary Evaporator

IG-RE-100Pro



IGENE LABSERVE

Innovative • Interactive • Intuitive

FEATURES & SPECIFICATIONS

FEATURES

- ✦ Digital LCD display of both rotation speed and heating temperature allows for optimal control of all distillation processes
- ✦ Automatic motor lift releases the evaporating flask to a safe position in case of power failure
- ✦ 5L heating bath with wide temperature range from room temp. to 180°C. Water/ oil heating mode can be changed only through a switch.
- ✦ Overheating protection temperature at 220°C
- ✦ Boil-dry protection, automatically power off if heating without water/oil in the heating bath.
- ✦ Speed range from 20 to 280rpm, and interval operation in clockwise and anticlockwise directions for drying process
- ✦ Cooling surface 1700cm² with excellent cooling effect
- ✦ Ejection mechanism ensures easy removal of evaporating flask
- ✦ Double spring sealing ring which is made of PTFE provides an excellent sealing performance
- ✦ Remote function provides PC control and data transmission

SPECIFICATIONS

Model	IG-RE-100Pro
Motor Type	Brushless DC motor
Speed Range	20-280rpm
Display	LCD (speed, temperature, time)
Clockwise and Anti-clockwise	Yes
Heating Temperature Range	Room temp. to 180°C
Control Accuracy	±1°C
Heating Power	1300W
Stroke Displacement	automatic 150mm
Evaporation capacity	1.56L/h
Timer	Yes
Time Setting Range	1-999min
Dimension[D×W×H]	465×457×583mm
Weight	15kg
Permissible Ambient Temperature	5-40°C
Permissible Relative Humidity	80%RH
Protection Class	IP20
Weight	2.8kg
Protection class	IP21
USB Interface	Yes
Voltage/Frequency	100-120/200-240V 50/60 Hz
Power	1400 W
Safety features	Motor over-current protection, earth-leakage protection lifting overload protection, Boil-dry protection, Overheating protection