

DW-GMVC-3000RM Solvent Recovery Device

Description

Vacuum decompression concentration, drying, distillation, rectification process; When the vacuum pump pumping speed is too fast to achieve complete recovery, the solvent recovery device is used to recycle the test material again through the condenser, and the recovered waste gas is fully adsorbed by the specially supporting activated carbon adsorption device, so that the whole process can achieve the best effect. Through the treatment of gas without pungent odor, greatly improve the laboratory environment and personal health will have a great impact, especially acid and alkaline odor. At the same time, the very precious reagent is recycled many times and can be reused.

Features

- Host: Integrated diaphragm pump integrated vacuum control system, with high control accuracy, corrosion resistance, long valve life.
- The large screen touch color LCD screen can display the detection and set vacuum, and can directly adjust the vacuum on the LCD screen.
- Can be matched with imported or domestic brands of rotary evaporator, with good vacuum control vacuum controller, connected with rotary evaporator.
- The vacuum inside the rotary evaporator can be controlled to increase the boiling point (e.g., methylene dichloride, benzene, trichloroethane, ethanol)

The low recovery rate of reagents can also be carried out by the replacement of inert gas to concentrate under reduced pressure without internal oxidation and contamination.

- Can carry out 10 stages of gradient distillation program control (time and vacuum degree of the arrangement of operation), synthetic experimental chromatographic distillation, the gradual control of vacuum degree.
- Interface operation: Chinese/English system interface operation switch function.
- Vacuum controller (mbar) and (Mpa) unit switching, graph tracking query, USB interface data export.
- Optional steam temperature (-20~200°C) monitoring function.
- Point action type/one key pressure relief function.



Specifications

Model	DW-GMVC-3000RM
Display	5.5 inch LCD color touch screen with indipendent intelligent vacuum control system
Vacuum adjust range	0~760mmHg(Toor),0~1013hPa(mbar)0~101.3kPa,0~0.01Mpa
Vacuum detect range	1~800mmHg(Toor),1~1066hPa(mbar)0~106.6kPa,0~ -0.01Mpa
Vacuum Controller	Can realize the program automatic control vacuum degree, built-in one key vacuum unloading stop distillation
Max. Vacuum degree	5-8mbar
Max. extraction	20L/min
Interface size	Outside diameterφ10mm
Voltage	AC 220V/50Hz
Total power	130W
Applicable Medium	Strong acid, strong alkali gas
Diaphragm material	PTFE
Noise	60db
Environment temp	5~40℃
Protection Class	IP20
Standby Power	3W
Configuration	Vacuum controller*1,Diaphragm pump*1 ,Coil condenser*1, S35 Receiving flask 500ml*1,Waste absorption*1
Instrument Size	330*310*460mm
Weight	15KG