

## **Technical Specifications**

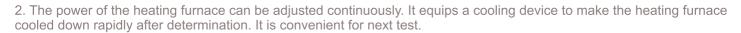
## **Vacuum Distillation Apparatus**

## Introduction:

Our vacuum distillation apparatus is designed and made as per the industrial standard of People's Republic of China SH/T0165-92 Standard Test Method for Distillation of High Boiling Point of Petroleum Products at Reduced Pressure. It is suitable to determine the distillation characteristics of high boiling point petroleum products, such as wax oils, lubricating oils, etc.



 This instrument is desktop structure. It is composed of distillation test part and vacuum process part. It can meet requirements of SH/T 0165.



3. The vacuum pump has good effect. The max residual pressure is 2mmHg.

## Specifications:

| Power supply                                      | AC 220 V±10%, 50 Hz   |
|---|---|
| Heating power                                     | Heater for distillation flask: 1000W, Heater for receiver: 350W |
| Heating power for distillation flask              | (0~1000)W, adjustable   |
| Temperature range for air bath of receiving flask | Ambient to 100°C, adjustable                                    |
| Temperature sensor of air bath                    | Pt100, RTD  |
| Temperature control mode for air bath             | Digital temperature controller                                  |
| Temperature control precision                     | Set temp. ±1 °C   |
| Capacity of buffer vessel                         | 1000 ml   |
| Max. residual pressure                            | 2mmHg   |
| Illumination light in the air bath                | Energy saving lamp  |
| Working condition                                 | Ambient temperature: (5~35)°C Relative humidity: ≤85%           |