

## AWD-21 Dropping Point Tester for Lubricating Grease

### ASTM D566

AWD-21 Dropping Point Tester for Lubricating Grease is designed and manufactured as per the standards of GB/T 4929 of National Standard of People's Republic of China and ASTM D566. This instrument is used to determine the dropping point of lubricating grease, which is widely used in petrochemical, defense, scientific research and transportation industries.

#### Performance Characteristics:

- AWD-21 Dropping Point Tester for Lubricating Grease mainly consists of electric heating control system, oil bath, cuvette, thermometer clamps, lighting and agitating system, etc, with the advantages of reasonable structural design, easy to operate, compact and flexible.
- Heating control system mainly consists of electric heating tube and the regulating circuit for the rate of temperature rise.
- The heating tube is that internally heated heating tube, low energy consumption, high thermal efficiency. The regulating circuit for heating rate uses the solid-state relay as a control and action components, with the features of high integration, stable performance, reliable quality, small size, etc. The analog voltage meter indicates the working voltage of the heating tube, intuitive and accurate.
- The oil bath is double-deck (two cylinders) structure. The inside cylinder is a flask of 600ml, and the external cylinder has the functions of insulated and anti-leak. The cuvette holder is constituted by the two springs, firm and easy to install, by which the cuvette is fixed to insert the cuvette between the two pieces of spring.
- The thermometer holder has two parts of the screws and nuts. There is an oil resistant rubber O-ring between the screw and nut. Put the thermometer into the O-ring, and tighten the screws to fix the O-ring to hold the thermometer. There is a rubber ring at the bottom of the thermometer to locate the thermometer. As a result of that way, it is very easy to install the thermometer, without any adjustment, that you can make it meet the standard.

#### Technical Parameters:

No.	Tech Indicator	Description
1	Power	AC220V±10% 50Hz (Can be changed to your country request)
2	Heating Power	0~300W Continuously Adjustable
3	Agitating Rate	375r/min
4	Light	12V 20W

