

## ND-5 Viscosity Tester

### Scope of Application:

It is suitable for testing the viscosity of edible gelatin, medical gelatin, industrial gelatin and bone glue. And AGAR, protein powder and other kinds of gelatin liquid viscosity detection.



### Main technical indexes of nd-5 viscosity tester:

Viscosity measurement range	0-99.99 mPa. S
Viscosity value display resolution	0.01 mPa. S
Instrument measurement accuracy	±0.02 mPa. S
Time measurement range	0-5000 seconds
Time measurement precision	≤ 0.01 seconds
Time display resolution	milliseconds
Temperature control range of water bath	room temperature -70 °C
Water bath temperature control setting resolution	0.1 °C
Temperature control accuracy of water bath	±0.1 °C
Water bath temperature display resolution	0.01 °C
Viscometer volume	100 ml
Volumetric error of the viscometer	± 0.5ml
Longitudinal center moment of measuring device	152 mm ± 0.5 mm
Working power supply	ac 220V±10% 50Hz ≤ 500W
Environmental conditions	room temperature 10 ~ 30°C humidity < 75%

### Structure and characteristics of nd-5 viscosity tester:

- ◎ ND-5 with high-performance embedded intelligent touch screen, easy to operate, accurate control, human-computer interaction interface friendly, users can enjoy intelligent operation according to the screen tips;
  - ◎ ND-5 supports viscosity measurement of different specific gravity samples at different temperatures;
  - ◎ ND-5 provides interactive time correction function;
  - ◎ ND-5 provides interactive intelligent temperature correction function;
  - ◎ ND-5 provides interactive viscosity tube parameter correction function;
  - ◎ ND-5 provides interactive selection of transparency of the liquid to be measured, which enlarges the range of objects to be measured and realizes the multi-field application of burghard viscosity.
  - ◎ ND-5 provides two operating interface in English and Chinese one-key switch;
  - ◎ ND-5 provides historical data query function; Provide printing options;
- The ND-5 burghardt viscosity tester provides more stringent multiple automatic fault detection, automatic fault repair, and automatic fault alarm functions.

### Applicable standards:

- ◆ National standard *Food Additive Gelatin* GB6783-94
- ◆ National standard *Hard Gelatin Capsule for Medicine* GB13731-92
- ◆ Industrial standard *Pharmaceutical Gelatin* QB2354-98
- ◆ Industrial standard *Industrial Gelatin* QB/T1995
- ◆ Industrial standard *Bone Gelatin* QB/1996