JS-2 GELATIN GEL STRENGTH TEST SYSTEM

This system is provided for detecting jelly strength of gelatin.

It Consists of:
- JS-2   Jelly strength tester
- HW-3   Constant temperature bath
- ZL-3   Refrigerator

Applicable standard
- National standard (Food additive Gelatin)。
- National standard (Hard gelatin Capsule for medicine)
- Vocation standard (Gelatin for medicine)
- Vocation standard (Photographic gelatin)
- Vocation standard (Industrial gelatin)
- Vocation standard (Bone gelatin)
- American codex
- Corporate standard(Thickness tester)

Features:
- A MPU is used to control all operations in Jelly strength system. It works in Bloom mode and the Bloom gram is displayed by LED. The probe is of British standard.

- Using high-precision pressure sensor, auto-correcting nonlinear errors, high accuracy.
- Any sampling depth can be preset, with five sampling speeds, three sampling mode and two sampling results.
- Using precise mechanical transmission gear with shock absorber, operating placidly, displaying stably.
- Precisely constant temperature bath system is composed of invariable temperature water tank and refrigerate.
- Using magnetism pump system to circulate water for equably heating, bath temperature getting even.
- Using high-precision digital temperature sensor, with little linear error and high accuracy in testing temperature.
- Using auto frequency-conversion control technology, controlling temperature intellectually high accurately.
- A new type of high-reliability and great-power compressor applied in refrigerator, with high speed and low noise in refrigeration.
- Presetting temperature at will, displaying preset and real-time data alternately in time. With the function of digital check.
- Automation: auto-test, auto-diagnose, auto-alarm.

Specifications:

- Test range   (7～1000) g
- Test accuracy Max   ±5 g
- Travel   (1～60) mm
- Travel accuracy   ±0.1 mm
- Temperature control range   (5～45) ℃
- Temperature control accuracy ±0.1 ℃
- Cooling time   (30 ℃→10 ℃) ＜ 40 min
- Volume accuracy   ±0.5 ml
- Power   220V/50Hz/1200W
- Dimension   JS-2   (26×26×42) cm³
                   HW-3   (58×44×22) cm³
                   ZL-3   (48×38×29) cm³