

HKM-STA01 Sealing Test Instrument

(Push-button Version)



Suitable for negative pressure sealing leakage tests and microbial invasion tests of medicinal glass bottles, vials, plastic solid bottles, blister packaging, aluminum-plastic soft bags, syringes, pipettes, vacuum packaging bags, cans, milk powder bags, aluminum foil bags, eye drops bottles, medical device packaging, liquid bags, jelly cups, caps, cosmetic bottle bags, and daily chemical products and other packaging materials.

Application fields: Widely applied in industries such as pharmaceutical manufacturers, pharmaceutical packaging material producers, drug inspection centers, medical device companies, food enterprises, and cosmetic enterprises for the detection of sealing integrity.

Test principle:

By evacuating the vacuum chamber, an internal and external pressure difference is created in the sample immersed in water. The escape of gas within the sample is observed to determine the sealing performance of the sample. By evacuating the vacuum chamber, a pressure difference is created in the sample, and the expansion of the sample and the recovery of its shape after releasing the vacuum are observed to determine the sealing performance of the sample.

It complies with various standards such as GB/T15171 and ASTM D3078.

Product Features:

- ★ Precise buttons make the operation more convenient
- ★ The vacuum chamber is made of high-transparent organic glass, which is sturdy and durable
- ★ Automatic constant pressure air replenishment ensures that the experiment proceeds under the preset vacuum condition
- ★ Using vacuum components ensures stable performance and durability
- ★ The holding pressure time can be set

Technical Parameters:

Main box size: 300X240X125mm

Power supply voltage: 50Hz, AC220V

Vacuum pump power: 150W

Vacuum degree setting range: 0~-90KPa

Outer diameter size of the sealing bucket: $\Phi 300 \times 300$ mm

Standard vacuum chamber effective size: $\Phi 270 \times 200$ mm

Measurement time: ≤ 999 S

Time accuracy: 1s

Vacuumping rate: 2KPa.L/S

Operating environment: -20~50°C (3 minutes of startup trial operation are required at -20°C ~0°C)

Total weight of the machine: approximately 20KG

