

KASON Back Pressure High Temperature Autoclave



Product instruction

This instrument is suitable for conducting retorting tests on food packaging bags and related films. It is also an ideal device for aseptic packaging tests in food research institutes. The back pressure retort is designed in accordance with the requirements of GB/T 10004-1998 Retort-resistant Composite Films and Bags.

This back pressure retort is a small-sized instrument controlled by a microcomputer program. It adopts electric heating; water is directly injected into the retorting chamber and heated to produce high-pressure steam for the retorting process of test samples.

Upon completion of the test, rapid cooling is performed for 3 minutes using external compressed air and water pressure, which reduces the temperature of the contents in the chamber to 30–40°C. It is also an ideal equipment for aseptic packaging tests in food research institutions.

Main Specifications

Model	KASON BPA-1	KASON BPA-2
Maximum Working Pressure	0.22MPa(30Psi)	0.22MPa(30Psi)
Maximum Working Temperature	135°C	135°C
Test Temperature Selection	101~135°C	101~135°C
Boiling Temperature Selection	≤100°C	≤100°C

Timer Range	1~60min	1~60min
Effective Volume	50L	100L
Water Adding Method	Automatic water filling	Automatic water filling
Power / Power Supply	2.5KW/AC220W 50Hz	3.5KW/AC220W 50Hz

Instrument Requirements

Ambient Temperature	5~40℃
Relative Humidity	≤80%
Atmospheric Pressure Range	86~106kPa
Water Source and Pressure	Distilled or purified water, stable and adjustable pressure ≥ 0.28 MPa (must be satisfied)
Air Source Pressure	Stable and adjustable pressure ≥ 0.25 MPa (must be satisfied)

FOCUS IN MATERIAL TEST

KASONTTEST®

JINAN KASON TESTING
EQUIPMENT Co, LTD.

DuandianIndustrial Park , Jingshi Road, Jinan City,China.

P: +86 159 1008 1986

E: admin@jnkason.com | W: www.syjlab.com

