

Multipurpose Retort Clave

RKZ-40II

A pilot-scale multipurpose retort unit with sterilization and pasteurization modes to process various packaged foods.



Food loss reduction



Ambient stored food



RKZ-40II

A counter pressure controlled with compressor

An included compressor makes a counter pressure control properly to prevent pouches from deforming and bursting.

Fully automatic operation just the start button

After setting of the sterilization temperature, pressure, and time, just press the start button for fully automatic operation.

F-value operation

F-value is a numerical value that indicates the bactericidal strength of the packaged foods for the purpose of avoiding food poisoning. By setting and controlling a predetermined F-value according to the form of the foods, a reliable sterilization can be guaranteed.

Built-in recorder and item temperature sensor

A Built-in recorder converts the food core temperature measured by an item temperature sensor into the F-value to be displayed.

How to arrange Pouch/Steel can in the wire basket & Throughput



Stand-up pouch
(180mm×140mm×30mm)
20 pcs./basket
Total 60 pcs./operation



Pillow pouch
(Horizontal placement)
(180mm×140mm×20mm)
20 pcs./basket
Total 60 pcs./operation



Pillow pouch
(Vertical placement)
(180mm×140mm×20mm)
32 pcs./basket
Total 96 pcs./operation



Steel can
(φ75mm×110)
18 pcs./basket
Total 54 pcs./operation

Both sterilization and pasteurization are realized

Just one unit realizes to process various packaged ready meals with sterilization mode (100-121°C) or pasteurization mode (60-100°C)

Suitable samples for sterilization mode

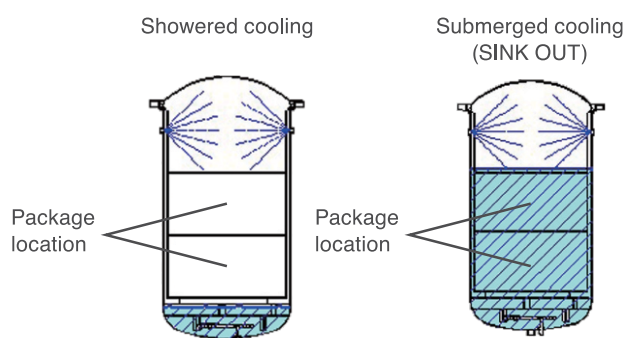


Suitable samples for pasteurization mode



Selectable two cooling systems

Packaged foods are exposed to high temperature longer, they will go mushy, burnt odor, discolor, and finally the commercial value will decrease so require to lower the temperature immediately after sterilization. So the equipped cooling shower rapidly cools down. Submerged cooling also available to cool canning efficiently.



MODEL	RKZ-40II
Chamber size/volume	φ400×H650mm/96L
Outer dimension/weight	W920×D560×H1130mm/115kg (Without Compressor)
Operation Temperature(Max. press.)	Steri : 100°C-121°C (0.200MPa) Paste : 60°C-121°C (0.200MPa)
Process setting time	1 second- 99 minutes 59 seconds
F-value operation	Controlled by the built-in recorder (in Steri. mode)
Unit power demand	AC220/230V, 26/27A
Comp. power demand	AC220/230V, 5A

•Please specify voltage when you order.

•Specifications subject to change without notice for improvement.