

# READY MEAL STERILIZATION MACHINE

## Specifications :

Price	8500
Brand Name	LOYAL
Model Number	LY-10KW LY-20KW LY-30KW LY-40KW LY-50KW LY-60KW LY-70KW LY-80KW LY-100KW LY-150KW LY-200KW LY-300KW
Place of Origin	CHINA
Min.Order Quantity	1
Payment Terms	T/T,L/C
Supply Ability	35/MONTH
Delivery Detail	20-30 WORKING DAYS
Packaging Details	WOODEN&FILM

## Detail Introduction :

In the fast-paced world of ready meals, ensuring food safety without compromising taste and quality is paramount. Enter the cutting-edge Ready Meal Sterilization Machine, a game-changer in the food processing industry. This article explores the innovative features, working principles, and advantages of this groundbreaking technology.

### Ready Meal Sterilization Machine: Ensuring Safe and Delicious Convenience

In today's dynamic food industry landscape, the Ready Meal Sterilization Machine has emerged as a beacon of food safety. This state-of-the-art equipment combines the prowess of Industrial Ready meal pasteurization microwave equipment with specialized features designed for ready meals. This fusion ensures that the microwave sterilization process not only meets but exceeds the stringent standards of hygiene required for these convenient culinary delights.

### Key Features and Working Principles

The heart of the system lies in its industrial Ready meal pasteurization microwave equipment. The microwave sterilization machine utilizes high-frequency microwave energy to penetrate and target harmful bacteria and pathogens within ready meals. The microwave sterilization machine induce rapid and uniform heating, effectively eliminating the risk of contamination while preserving the nutritional integrity and flavor of the meals.

This ready meal pasteurization microwave equipment operates with precision, ensuring that each portion undergoes the sterilization process consistently. The result is a product that not only meets regulatory requirements but also surpasses consumer expectations for taste, texture, and overall quality.

## TECHNICAL PARAMETER

MODEL	SIZE L*W*H(CAN BE CUSTOMIZED ACCORDING TO THE CUSTOMER'S REQUIREMENTS)	OUTPUT POWER	DEWATERABILITY	STERILIZATION CAPACITY
LY-10KW	5000mm*825mm*1750mm	10KW	10KG/Hour	100KG/Hour
LY-20KW	8000mm*825mm*1750mm	20KW	20KG/Hour	200KG/Hour
LY-30KW	8500mm*1160mm*1750mm	30KW	30KG/Hour	300KG/Hour
LY-40KW	10000mm*1160mm*1750mm	40KW	40KG/Hour	400KG/Hour
LY-50KW	12500mm*1160mm*1750mm	50KW	50KG/Hour	500KG/Hour
LY-60KW	13500mm*1450mm*1750mm	60KW	60KG/Hour	600KG/Hour
LY-70KW	13500mm*1500mm*1750mm	70KW	70KG/Hour	700KG/Hour
LY-80KW	13500mm*1650mm*1750mm	80KW	80KG/Hour	800KG/Hour
LY-100KW	16800mm*1650mm*1750mm	100KW	100KG/Hour	1000KG/Hour
LY-150KW	22400mm*1850mm*1750mm	150KW	150KG/Hour	1500KG/Hour
LY-200KW	27000mm*1850mm*1750mm	250KW	250KG/Hour	2500KG/Hour
LY-300KW	32000mm*1850mm*1750mm	300KW	300KG/Hour	3000KG/Hour
Power Supply		380V±10% 50Hz±1% Three-Phase Five-Wire		
Microwave Output Frequency		2450±50Mhz		
Microwave Input Apparent Power		168Kva		
Microwave Output Power		120Kw		
Microwave Power Adjustment Range		0-30Kw(Adjustable)		
Ambient Temperature		-5-40°C		
Relative Humidity		80%, Surrounding Environment:No Corrosive Gas, Conductive Dust And Explosive Gas		
Transmission Speed		0-10m/Min(Adjustable)		

## ADVANTAGES OF READY MEAL STERILIZATION MACHINE

**EFFICIENCY:**The Ready Meal Sterilization Machine boasts unparalleled efficiency in the sterilization process. Its quick turnaround time ensures that large batches of ready meals can be processed without compromising production timelines.

**NUTRITIONAL PRESERVATION:** Unlike traditional sterilization methods, the microwave technology employed in this machine minimizes nutrient loss. Ready meals emerge from the process with their nutritional content intact, appealing to health-conscious consumers.

**ENERGY CONSERVATION:** The microwave sterilization machine's design emphasizes energy efficiency, aligning with sustainable production practices. Reduced energy consumption not only benefits the environment but also contributes to cost savings for manufacturers.

**CUSTOMIZATION:** The microwave sterilization machine allows for customization based on different ready meal types and sizes, providing flexibility to meet diverse industry needs.

**QUALITY ASSURANCE:**The rigorous sterilization process ensures that every ready meal leaving the production line is safe for consumption, enhancing the brand reputation of manufacturers.

## FAQS: ADDRESSING COMMON QUESTIONS

**Q1:** Is the microwave sterilization process safe for ready meals?

**A1:** Absolutely. The industrial microwave sterilization employed in Ready Meal Sterilization Machines is carefully calibrated to eliminate harmful microorganisms while preserving the quality of the meals.

**Q2:** How does the equipment accommodate various ready meal sizes?

**A2:** The machine is equipped with adjustable settings, allowing manufacturers to customize the sterilization process based on the size and type of ready meals.

In conclusion, the Ready Meal Sterilization Machine signifies a revolutionary leap forward in ensuring the safety and quality of ready-to-eat meals. Combining the precision of industrial microwave sterilization with specialized features, this technology sets new standards for the convenience food sector. Manufacturers embracing this innovation not only meet regulatory requirements but also elevate their products to cater to the discerning tastes of consumers.