Microwave Flower Drying Equipment

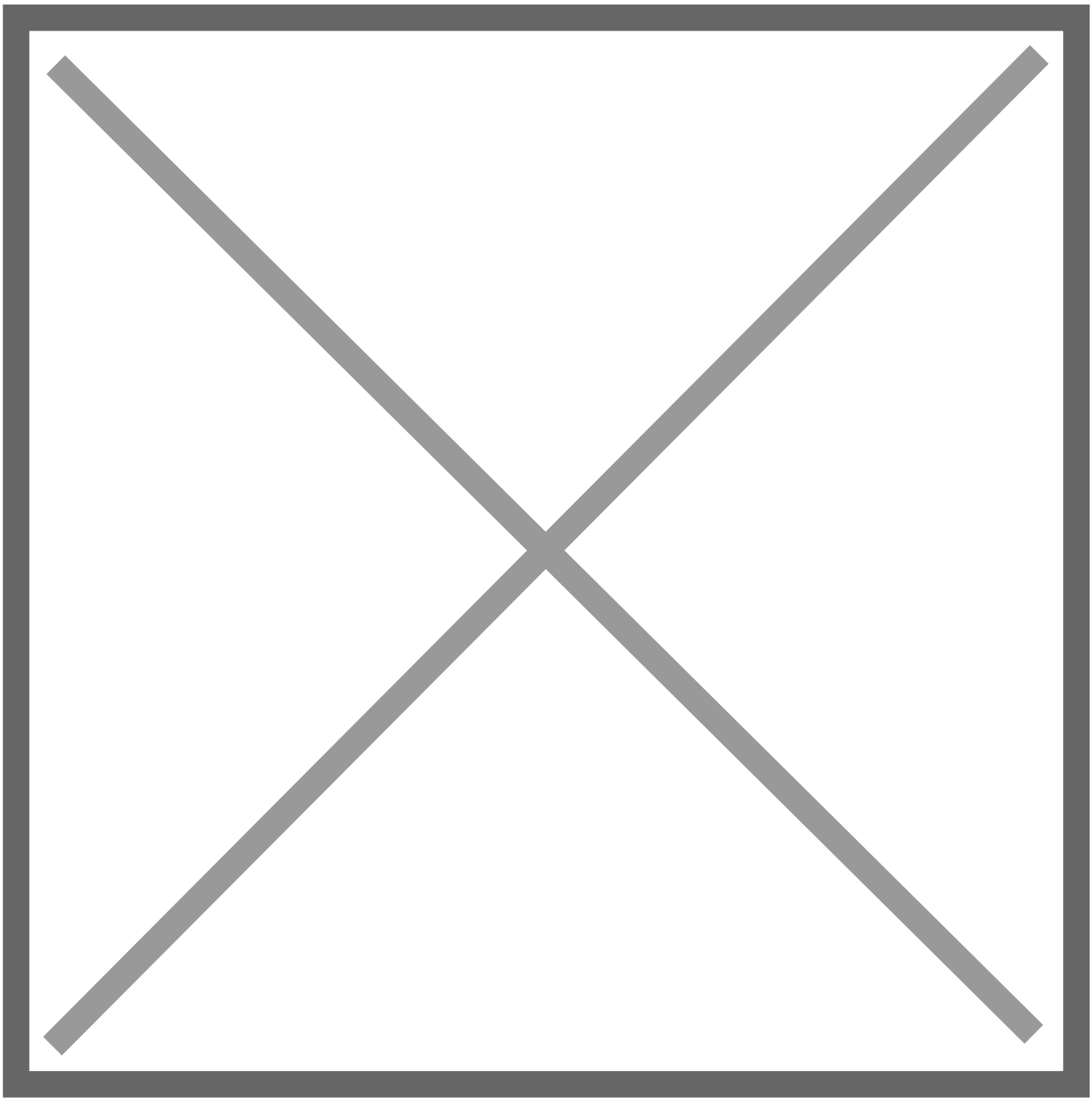
Specifications :

Price	USD 8,800.00
Brand Name	LOYAL
Model Number	LY
Place of Origin	China
Min.Order Quantity	1
Payment Terms	T/T
Supply Ability	30 sets per month
Delivery Detail	25-30 working days
Packaging Details	Wooden packages

Detail Introduction :

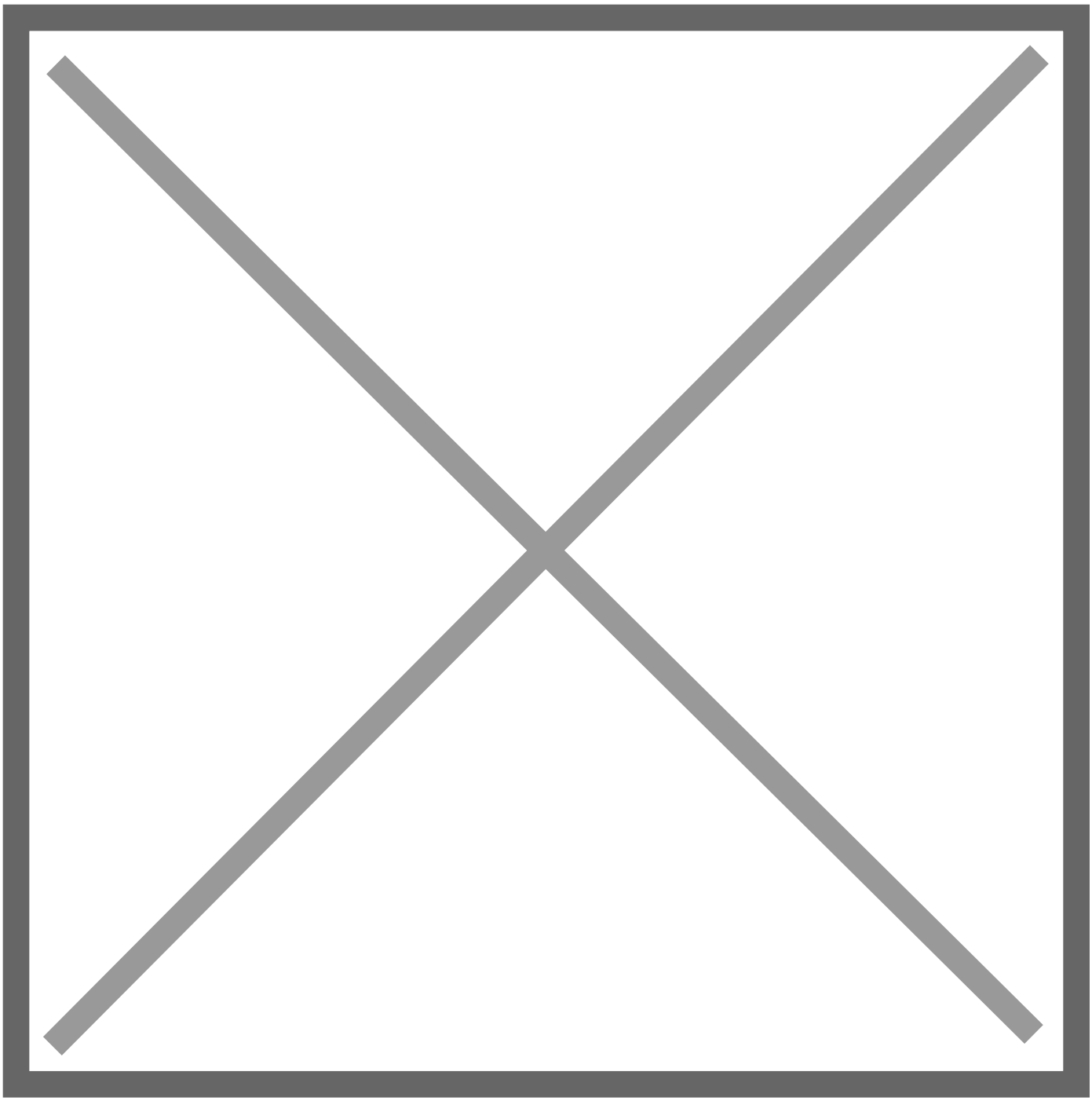
Microwave Flower Drying Equipment

In the world of flower processing, efficiency and quality preservation are paramount. Shandong Loyal Industrial Co., Ltd. introduces cutting-edge Microwave Rose Flower Drying Equipment, powered by rose flower Industrial Microwave Systems, to revolutionize the flower drying process.



Our Microwave Rose Flower Drying Equipment utilizes advanced flower microwave heating technology to ensure uniform drying of rose flowers. Unlike traditional drying methods, our equipment targets water molecules within the flowers, resulting in faster and more efficient drying while preserving the natural color and fragrance.

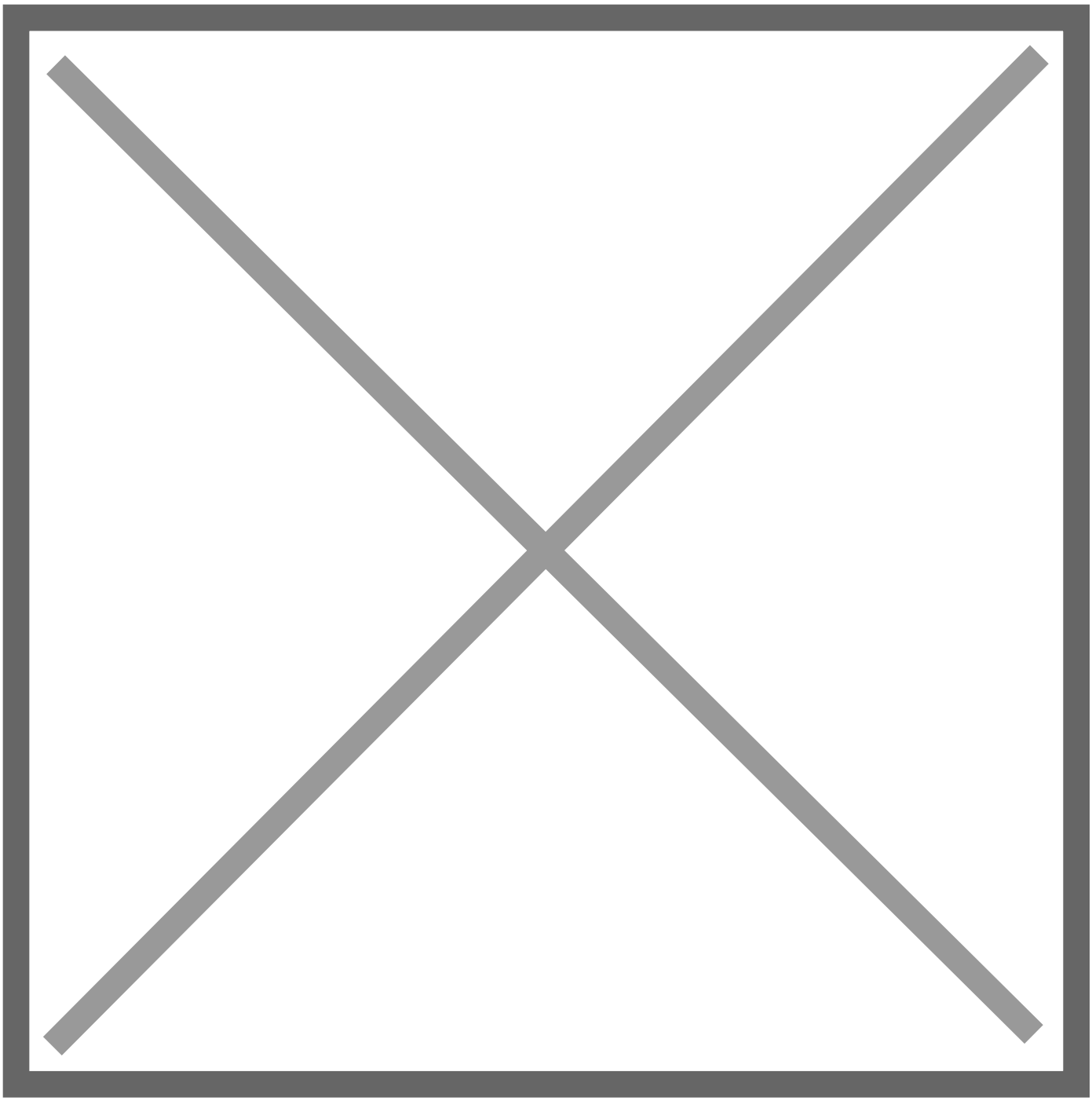
What Is The Principle Of Microwave Rose Flower Drying Equipment?



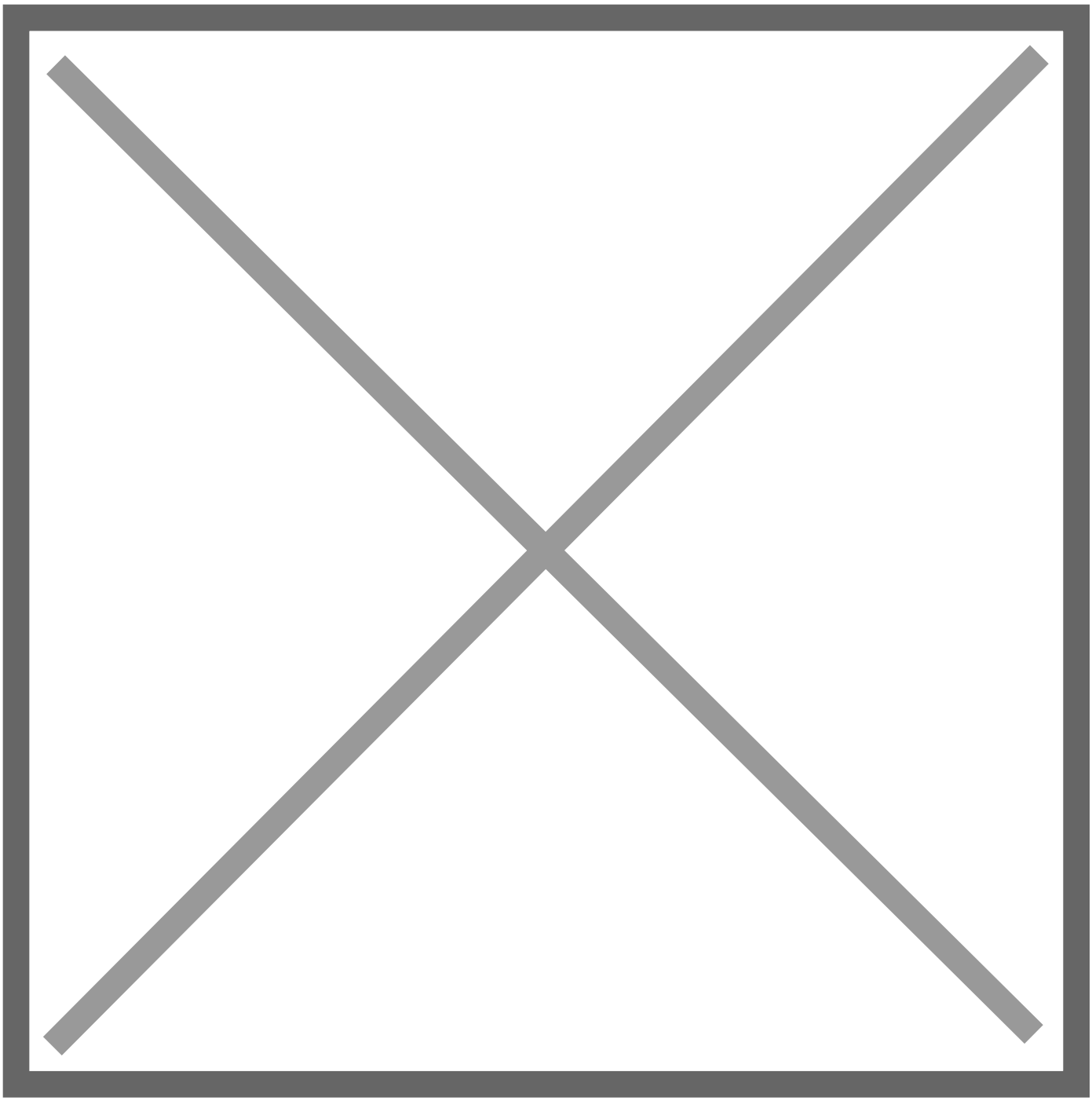
Microwave drying operates on the principle of utilizing microwave radiation to agitate water molecules within a material, causing them to rapidly oscillate and generate heat through friction. This localized heating accelerates the evaporation of moisture from the material, resulting in drying. The microwave energy penetrates the Rose Flower and selectively heats the water molecules, allowing for efficient and uniform drying compared to conventional methods.

Technical Parameters Of Rose Flower Industrial Microwave Systems				
Model Of Chamomile Flowers continuous microwave dryer	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

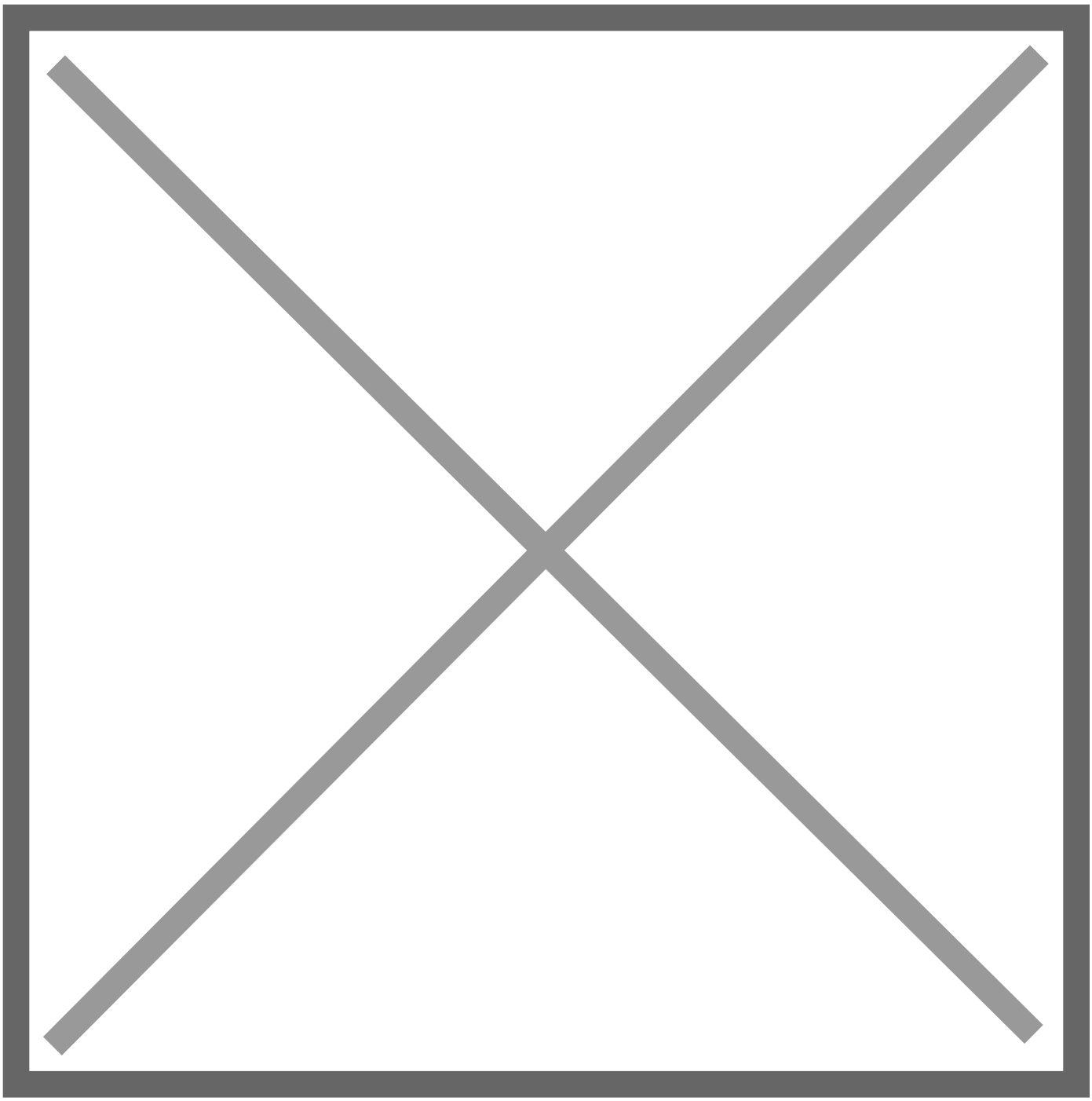
LY-20KW	8000mm*825mm*1750mm	?20KW	20KG/Hour	200KG/Hour
LY-30KW	8500mm*1160mm*1750mm	?30KW	30KG/Hour	300KG/Hour
LY-40KW	10000mm*1160mm*1750mm	?40KW	40KG/Hour	40KG/Hour
LY-50KW	12500mm*1160mm*1750mm	?50KW	50KG/Hour	500KG/Hour
LY-60KW	13500mm*1450mm*1750mm	?60KW	60KG/Hour	600KG/Hour
LY-70KW	13500mm*1500mm*1750mm	?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-Ph		
Chamomile Flowers continuous microwave dryerOutput Frequency		2450±50Mhz		
Microwave Input Apparent Power		?168Kva		
Microwave Output Power		?120Kw		
Microwave Power Adjustment Range		0-30Kw(Adjustabl		
Ambient Temperature		-5-40°C		
Relative Humidity		?80%, Surrounding Environment:No Corrosive Gas,		
Transmission Speed		0-10m/Min(Adjustal		



At the coreChamomile Flowers Continuous Microwave Dryer of our flower microwave heating technology lies the principle of rose flower Industrial Microwave Systems, which selectively heats the moisture within the flowers without overheating or damaging the petals. This ensures that the delicate characteristics of the flowers are maintained, resulting in high-quality dried roses.



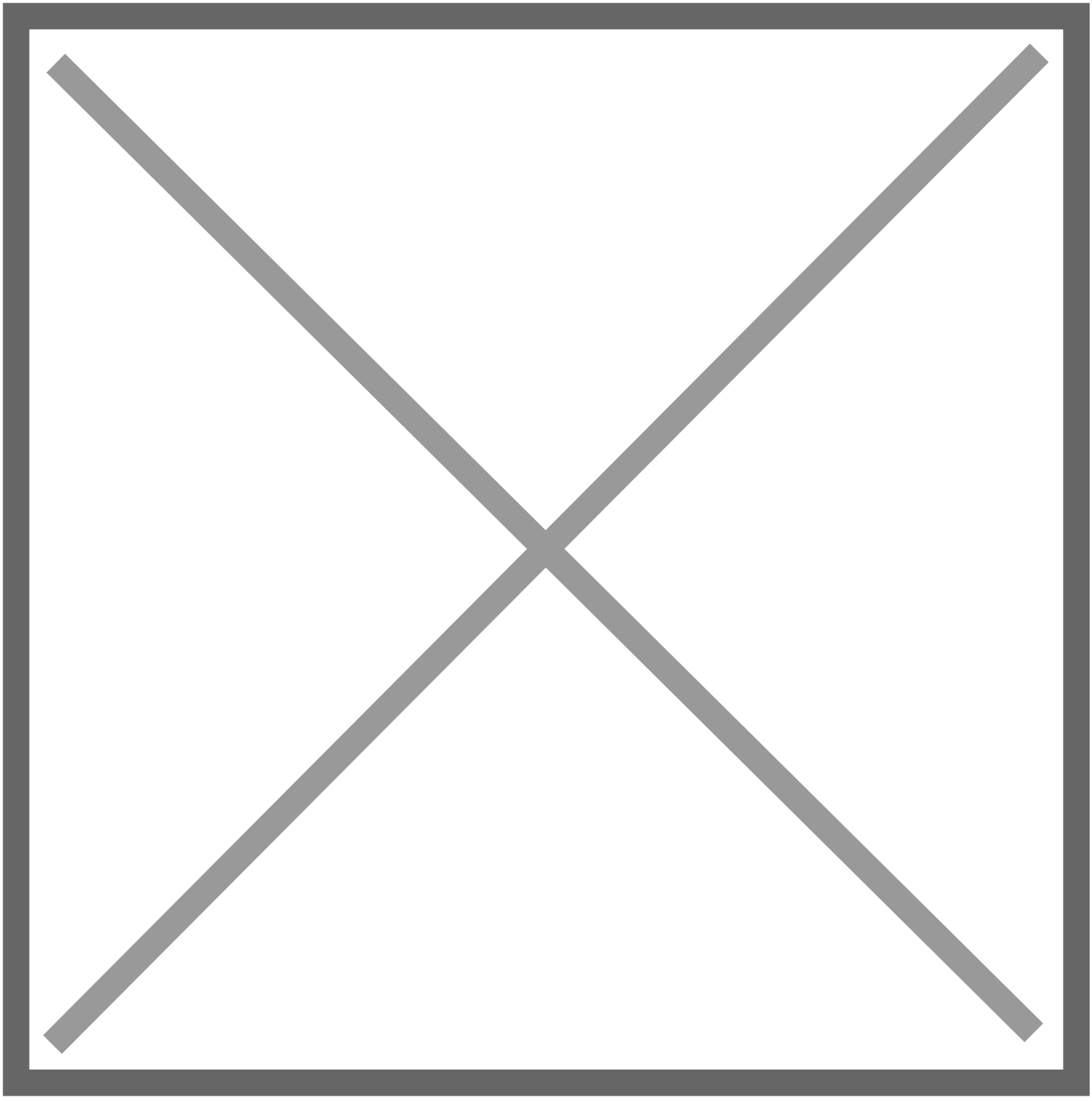
With ourrose flower Industrial Microwave Systems, flower producers can achieve consistent and reliable drying results. The continuous drying process allows for large-scale production while maintaining the integrity of the flowers.



Rose Flower Industrial Microwave Systems VS Gas Dryer Comparison

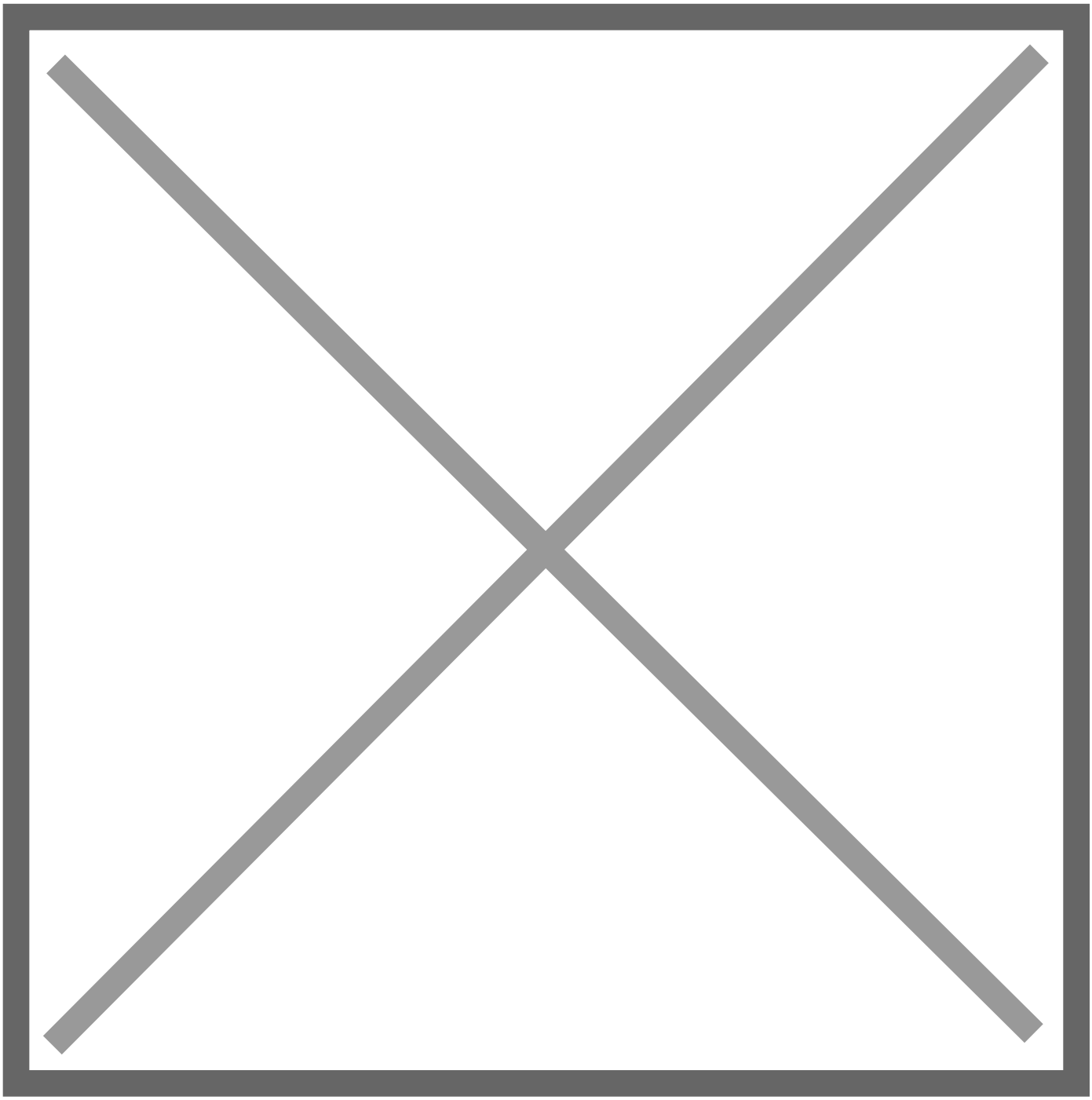
Operating Conditions	Chamomile Flowers Continuous Microwave Dryer	Direct Fired Gas Drye FlashTypes)
Energy Source	Electricity	Gas
Heat Penetration	Volumetric(Uniform Throughout	Surface To Interior Condu
Heating Rate	Nearly Instantaneous	Typically Slow
Chemical Changes To rose flower	None	Carbonization, Maillard R
Dryness Control/Consistency	Precision ,<1% Possible	Non-Precision,3-5%Typic
Color Change To rose flower	None	May Darken*
Nutrient loss inrose flower	None	Possible
Reliability	Very High	Poor To Moderate
Labor Requirements	Minimal, Fully Automatic	Usually Requires Dedicat

Fire/Explosion Hazard*	None	Possible
Overall Energy Efficiency	75%+	<50%**
Heat Energy Delivered To Load	95%+	<50%
Water Removal Energy	1000 - 1200 Btu/ Lb	1800-2400 Btu/b**
	2300-2800 Kj/Kg	Kj/Kg**
Emissions		
Control Equipment Required?	No	Yes
Generates Vocs ?	No	Yes
Generates Cox And Nox ?	No	Yes
Generates Particulates ?	No	Yes



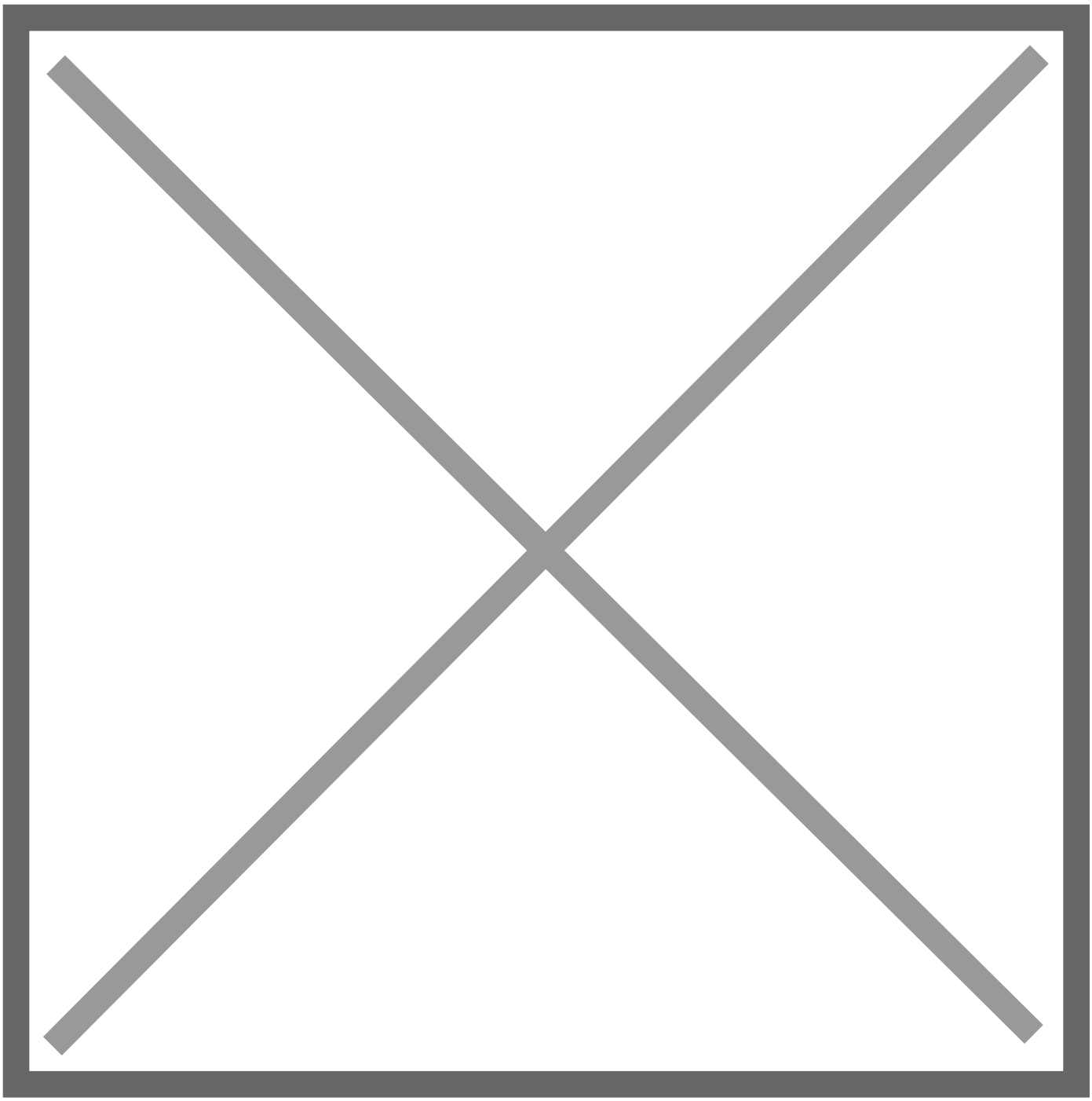
Experience the benefits of Microwave rose flower Drying Equipment from Shandong Loyal Industrial Co., Ltd. Our equipment offers precise control over the drying process, ensuring that each flower is

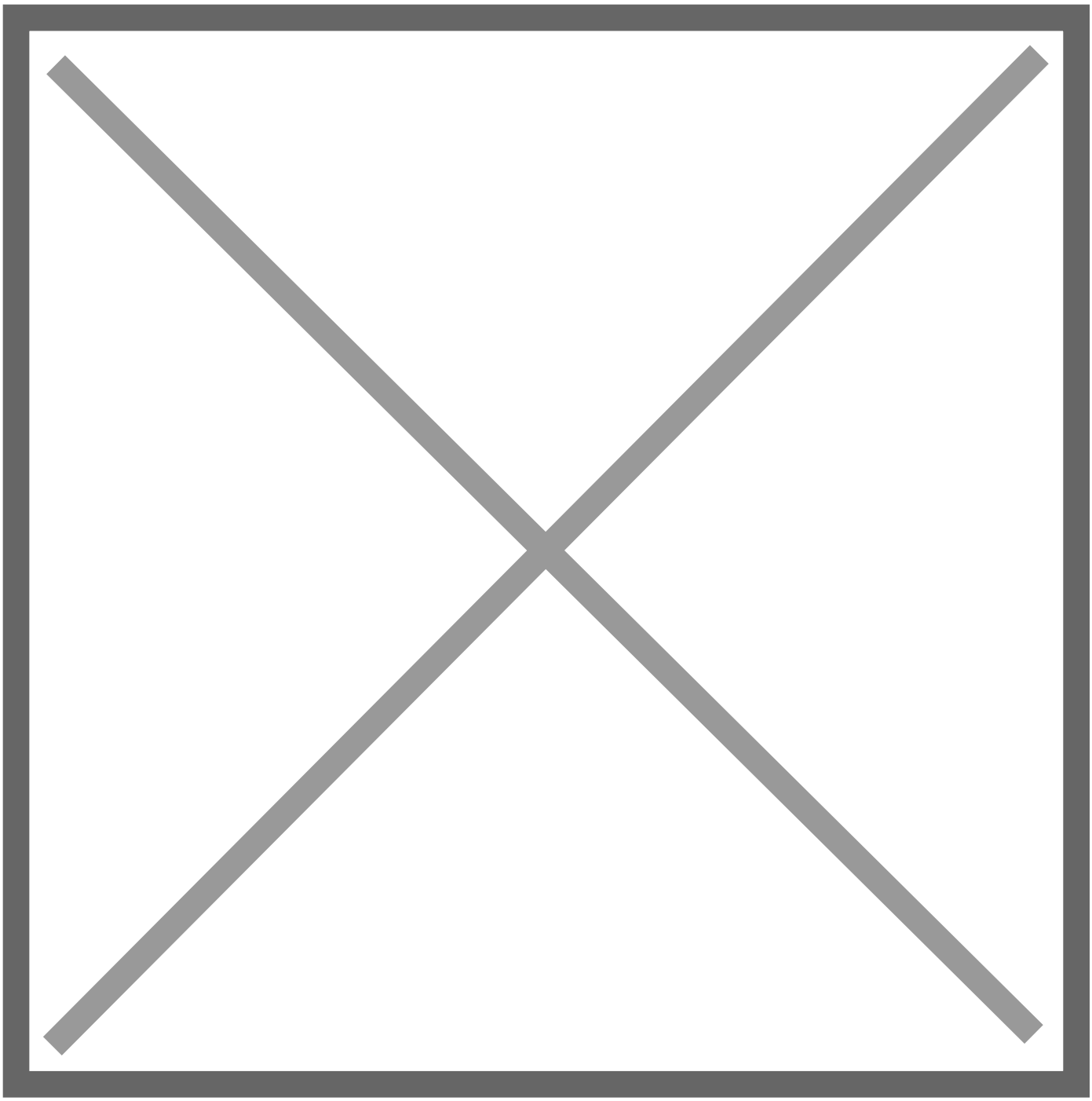
dried to perfection. Say goodbye to uneven drying and hello to consistently high-quality dried flowers.



What’s The Advantages Of Microwave rose flower Drying Equipment?

Why Choose Loyal rose flower Industrial Microwave Systems?	
1	The Insulation Boards Of rose flower Industrial Microwave SystemsAre Knocked-Down, So It Is Very Conveni Has Fallen Down On The Continuous Microwave Oven's Layer.
2	The Continuous Microwave rose flower Drying EquipmentIs Fully Automatic. You Can Adjust The Electrical C Content And Temperature To Demand Your Requirements.
3	The Speed Of The Mesh Belt Is Constant To Keep The Final Material Drying Highly Uniform.
4	Chamomile Flowers Continuous Microwave DryerIs Featured With Low Labor Invest. The Operation Of Dyer Worker. Moreover, With Specialized And CompactDesign, Our Belt Dryer Has Less Occupied Area.
5	Industrial Chamomile Flowers Continuous Microwave DryerCan Reduce Power Consumption. All Working Pro Environment To Lower The Heat Loss.





Trust Shandong Loyal Industrial Co., Ltd. to deliver innovative solutions that elevate efficiency and quality in flower processing. With our Microwave Rose Flower Drying Equipmentand Chamomile Flowers Continuous Microwave Dryer, you can optimize your flower drying operations and meet the demands of the market with ease.