

# Top 15 Insect and Bug Microwave Drying Oven Manufacturers in 2024

## Detail Introduction :

1. Loyal——China
2. IMS ——USA
3. COMPARATO NELLO S.R.L.——Italy
4. DACTEC Ltd——Ireland
5. LINN HIGH THERM GMBH ——Germany
6. Summit Process Solutions——Southern African
7. SAIREM ——USA
8. Ferrite——USA
9. WELDOTHERM ——Germany
10. Schaeffler Technologies AGCo. KG ——Germany
11. Püschner——Germany
12. Fricke und Mallah ——Germany
13. TERALBA INDUSTRIES PTY LTD——Australia
14. Ispecc——U.K.
15. Thermex-Thermatron Systems——USA

## Introduction

In the ever-evolving landscape of industrial equipment, the demand for innovative solutions has led to the rise of microwave drying ovens for insects and bugs. This list compiles 15 manufacturers in Europe for such specialized machinery in 2024. These companies have made significant contributions to the industry, providing cutting-edge technologies for various applications. Let's delve into each company's background, size, and their notable products.

### 1. Loyal——China



Loyal, founded in 2005, has grown into a prominent player in the industrial microwave sector. With a focus on precision and efficiency, Loyal offers a range of products, including the Insect and Bug Microwave Drying Oven. The company has gained recognition for its commitment to quality and innovation. The company's main products include Black Soldier Fly Larvae Industrial Microwave Dryer, Mealworm Microwave Drying Machine, Microv

Drying of Insects, Insect and Bug Microwave Drying Oven, Microwave Insect Dryer, Y Mealworm Microwave Dryer Machine. Industrial Microwave Systems provides unique, patented, and specialized solutions for microwave heating and drying.

LOYAL standard or modularized system designs are available using either 915 MHz or 2450 MHz. Industrial Microwave Systems patented designs apply power to achieve rapid microwave heating and drying for a multitude of products, processes, and applications. Loyal also provides in-house product trials, technical microwave research, and product development from its R&D lab. Loyal Industrial also has a complete line of advanced 2450 MHz microwave generators to support thawing of a wide range of meat processing and seafood, fruit and vegetable products.

Loyal Industrial complete microwave drying systems for several industrial processes. Microwave drying is quicker, and frequently more energy efficient than traditional methods like drying rooms and continuous drying ovens.

source? <https://microwavedryer.net/>

## 2. IMS ——USA



With a presence in the market since 1999, IMS has earned its reputation as a reliable supplier of industrial microwave drying solutions. The company's focus on continuous innovation is evident in its main products, including the Microwave Insect Dryer.

source? <https://industrialmicrowave.com/>

## 3. COMPARATO NELLO S.R.L.——Italy



With a rich history dating back to 1975, COMPARATO NELLO S.R.L. has become a leading name in the industry. The company, boasting an extensive manufacturing facility, is known for its diverse range of drying solutions, featuring the Insect and Bug Microwave Drying Oven among its flagship products.

source? <https://comparato.com/en/>

## 4. DACTEC Ltd ——Ireland



DACTEC Ltd, established in 2001, has emerged as a key player in the European microwave drying market. The company's emphasis on research and development has resulted

creation of cutting-edge machinery, including the Yellow Mealworm Microwave Dryer Machine.

source?<https://www.dactec.ie/>

## 5. LINN HIGH THERM GMBH —Germany



Operating since 2000, LINN HIGH THERM GMBH has become synonymous with excellence in industrial microwave drying. The company's extensive range includes the innovative Microwave Drying of Insects equipment, showcasing LINN HIGH THERM GMBH's commitment to pushing technological boundaries.

source?<https://www.linn-high-temp.de/ru/index.html>

## 6. Summit Process Solutions —Southern African



Summit Process Solutions, founded in 2012, has rapidly grown into a major player in the European drying equipment market. The company's focus on sustainability is evident in its main products, such as the Dates Industrial Microwave Dryer and the Black Soldier Fly Larvae Industrial Microwave Dryer.

source?<https://www.summitpros.co.za/>

## 7. SAIREM —USA



Operating since 1983, SAIREM has established itself as a seasoned player in the microwave technology domain. The company's expertise extends to the manufacturing of Insect and Bug Microwave Drying Ovens, showcasing SAIREM's commitment to precision and reliability.

source?<https://www.sairem.com/zh/solutions-for-food-and-industry/>

## 8. Ferrite —USA



Ferrite, founded in 1995, has evolved into a renowned manufacturer of microwave drying equipment. The company's comprehensive product line includes the Mealworm Micro

Drying Machine, reflecting Ferrite's dedication to meeting diverse industry needs.

source?<https://ferriteinc.com/>

## 9. WELDOTHERM —Germany



Established in 1998, WELDOTHERM has solidified its position as a leading manufacturer of microwave drying solutions. Operating at a large scale, the company specializes in industrial microwave dryers, including the Microwave Insect Dryer. WELDOTHERM's dedication to technological advancement and sustainability sets them apart in the market.

source?<https://www.weldotherm.com/>

## 10. Schaeffler Technologies AG & Co. KG —Germany



Founded in 1946, Schaeffler Technologies AG & Co. KG is a global powerhouse in precision engineering. With a workforce of over 90,000 employees worldwide, the company specializes in providing high-quality components, including bearings and systems. While not directly involved in the production of microwave drying equipment, Schaeffler Technologies AG & Co. KG plays a crucial role in supporting various industries, indirectly contributing to the success of insect and bug microwave drying oven technology.

source?<https://www.schaeffler.de/en/>

## 11. Püschner —Germany



Operating since 1992, Püschner has become a well-known name in the European microwave drying market. The company's extensive range includes the Yellow Mealworm Microwave Dryer Machine, reflecting Püschner's dedication to meeting the evolving demands of its customers.

source?<https://www.pueschner.com/en/>

## 12. Fricke und Mallah —Germany



Fricke und Mallah Microwave Technology GmbH, founded in 1987, is a pioneer in the microwave technology sector. The company's expertise is evident in its diverse products with a focus on precision, including the Insect and Bug Microwave Drying Oven.

source?<https://www.microwaveheating.net/de/>

### 13. TERALBA INDUSTRIES PTY LTD——Australia



With a legacy dating back to 1982, TERALBA INDUSTRIES PTY LTD has been a co player in the industrial drying equipment market. The company's commitment to quality is reflected in its main products, such as the Dates Industrial Microwave Dryer.

source?<https://teralba.com/>

### 14. Ispecc——U.K.



Ispecc, established in 2007, has rapidly risen to prominence in the microwave drying industry. The company's focus on research and development is apparent in its cutting-edge solutions, including the Black Soldier Fly Larvae Industrial Microwave Dryer.

source?<https://www.ispecc.com/>

### 15. Thermex-Thermatron Systems——USA



With a rich history dating back to 1939, Thermex-Thermatron Systems is one of the co players in the industrial microwave drying sector. The company's extensive experience is reflected in its main products, such as the Mealworm Microwave Drying Machine.

source?<https://thermex-thermatron.com/>

## Conclusion

In conclusion, these top 15 manufacturers in Europe for Insect and Bug Microwave Drying Ovens have played a pivotal role in shaping the industry. From the precision-focused Fricke und Mallah Microwave Technology GmbH to the innovative Thermex-Thermatron Systems, each company brings a unique blend of experience, technology, and commitment to quality. The industry can look forward to continued advancements and sustainable solutions from these leading manufacturers.