



**CRONLASER**  
超熔激光



Focusing on non-metallic  
Microfabrication  
leading ultra fast fusion welding

# 公司简介

## COMPANY PROFILE

Cronlaser is established in 2022, located in the Donghu High tech Development Zone of Optics Valley, China, it was split and established based on the vacuum sealing business unit of Balab Technology. It is an innovative enterprise specializing in the research and development, design, production, and service of micro processing equipment for welding, sealing, bonding, and packaging glass using technologies such as laser, ultrasound, and micro flame. It shoulders the mission of "ultra fast sealing and welding of non-metallic materials" and takes innovation, transcendence, and pragmatism as its core values. Observing and aspiring to become the most influential laser glass microfabrication enterprise in the world.

At present, we have 9 technical patents related to the use of electrolytic water technology for micro flame sealing of quartz glass. We have made significant breakthroughs in material solid-phase synthesis and oxygen free and waterless vacuum sealing preservation, and have made great contributions to the research and development of thermoelectric materials, two-dimensional battery materials, and biological strain preservation. In the past two years, we have achieved sales of over 5 million yuan and a market share of over 90% for this series of products.

Cronlaser is making every effort to accelerate the research and development of micro processing equipment for glass welding, sealing, bonding, packaging and other high-tech fields such as biomedicine and vacuum microelectronics using lasers and ultrasound, and to assist in the innovation of China's high-tech industry.

# MRVS-1003 Single station vacuum sealing machine

Suitable for single sample storage, thermoelectric materials and devices, one-dimensional materials, two-dimensional materials and other fields



9 patents



Dynamic sealing technology



High vacuum degree



Safe and efficient

Invention patent: A rotary vacuum sealing system

Patent No.#: 2017112490645

Counterfeiting of patented products will be prosecuted



Sealing station	1 station
High vacuum	Atm~10-5Pa (depending on the selected pump set)
Gas production rate	Standard configuration: 700L/H

## MRVS-2003 Double station vacuum sealing machine

Suitable for sealing two samples, thermoelectric materials and devices, one-dimensional materials, two-dimensional materials and other fields



High sealing efficiency



Dynamic sealing technology



energy conservation and environmental protection

Utility model: A rotating mechanism for vacuum sealing system

Patent#: 2017216652521

Counterfeiting of patented products will be prosecuted



Sealing station	2 stations
High vacuum	Atm~10-5Pa (depending on the selected pump set)
Gas production rate	Standard configuration: 700L/H

## CRL1001 Single station vacuum sealing machine

Suitable for melting and sealing samples in a vacuum sealed environment without water or oxygen



low cost



Easy to operate



rough  
vacuum



Stable and  
reliable



入门级  
entry-level

Sealing station	1 station
rough vacuum	Atm~10-1Pa (depending on the selected pump set)
Gas production rate	Standard configuration: 700L/H

## CRLS1000A Fully automatic vacuum sealing machine for biological strains

Suitable for fields such as glass test tubes and bacterial sealing



domestic initiative



High sealing efficiency



intelligent monitoring



High automation

Invention patent: A fully automatic packaging device for biological samples

Patent#: 2021103664752

Counterfeiting of patented products will be prosecuted



Sealing station	156 stations
Vacuum degree	< 0.05MPa
Single piece sealing time	10s

# ESVD-100 High frequency electric spark vacuum detector

Suitable for vacuum testing and other fields of glass test tube sealing



High voltage insulation



Standard Process



Safe and reliable



One click detection



Detecting pressure	10-4Pa~0.1MPa
High voltage	>150KV
Frequency	20KHz

# Non metallic ultrafast fusion welding

## Assist China's industrial innovation




Cronlaser overseas business (MatMeas  
technology)

Company: BELLEWAY GROUP HK LIMITED

Factory: Wuhan Cronlaser Technology Co., Ltd

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