



**A leader in automation machine &  
The world best contact lens manufacturer**





## CEO Greetings



Kwin is growing steadily with the ideology of 'human resources are property, technology is goods.' and we have various core technologies and years of know-how by excellent manpower.

Through the creation of customized automation systems, we have high satisfaction and reliability from our customers, and we hold on to the highest quality. In order to realize a more efficient production system, we will continue to do our best to become a competitive company through continuous research and development.

In addition, we promise to become a world leader that will expand into new business area, contact lens.

Thank you.

Kim Tae Su / CEO

## Introduction of Company

KWIN Co., Ltd. has been steadily growing since its establishment in 2009 under the ideology of "Talent is property, technology is a commodity." We value technical skills and know-how of professional manpower as the property of a company. It has secured high satisfaction and reliability from customers through the production of customized factory automation systems and maintains the highest quality. We are working on continuous research and development to realize a more efficient production system, and it proves our reputation that a number of Korean contact lens manufacturers are using our FA machines to produce high-quality contact lenses.

Through the development of a machine vision system that generates and inspects patterns and shapes of contact lenses in real-time, it has a number of intellectual property rights such as automatic contact lens separation & inspection system and patents for contact lens manufacturing machines. This has created a foothold to expand the business into the contact lens manufacturing area.

We are striving to manufacture high-quality contact lenses through the manufacturing know-how of automated FA systems, and are receiving favorable responses from many overseas buyers with our own brand, "Iricon" contact lens. It is possible to produce small amounts of various types, and it is increasing its market share in line with the global K-beauty craze by developing OEM color lenses that meet customer's needs and developing clear lenses with excellent hydrophilicity.

## Company History

### 2009

- Establishment of a corporation "Kwin Global"
- Venture Business Registration

### 2010~2013

- Development and process improvement of machinery/automobile/electronic parts production line, automation equipment
- Samsung Industrial, Xenon Field, Daeyu SE, Ace Safety Glass, Atlas BX, and Jinju Ham are registered as partners

### 2014~2015

- Development and process improvement of contact lens production line and solar material parts production line
- Development of Automation Equipment for Food Machinery/ Powder/Cleaning and Packaging Production Line
- Dongwoo Hwa Inchem, Dasan Technology, Quartz Tech, Korea Mold, Yushin Precision Industry, Registration of partners of many companies such as Daesung Precision

### 2016

- Participation in the development of prototypes for near-infrared heating automation systems (Small and medium enterprises customized capacity enhancement project)

### 2017

- Participation in Industry-Academic Cooperation Technology Development Project (Research Village) - Organizing Agency
- Establishment of a research institute affiliated with Chonbuk National University
- Patent application for automatic contact lens separation and inspection system
- US Federal Supply System Registered
- Establishment of Kwin Co., Ltd.

### 2023

- Construction 2nd factory for contact lens manufacturing
- Contact lens brand launching, "Iricon"

# Global Management System

Manpower is wealth, and Technology is goods!



## Business Criteria

### FA SYSTEM

- Factory Automation System / National Research and Development Project
- Improve quality through optimized design, parts utilization, and efficient control system
- Strengthen technology and market competitiveness through continuous research and development and improvement of problems



### Contact Lens

- Cosmetic contact lens manufacturing and export contact lens manufacturing

### Manufacture & Maintenance of Industrial Machinery and Conveyance Machine

- Manufacturing of various auxiliary equipment (industrial machinery, conveyance machinery, jigs)
- Identify mechanical defects and aging, improve quality, solve problems, and improve performance



### Development of Control System

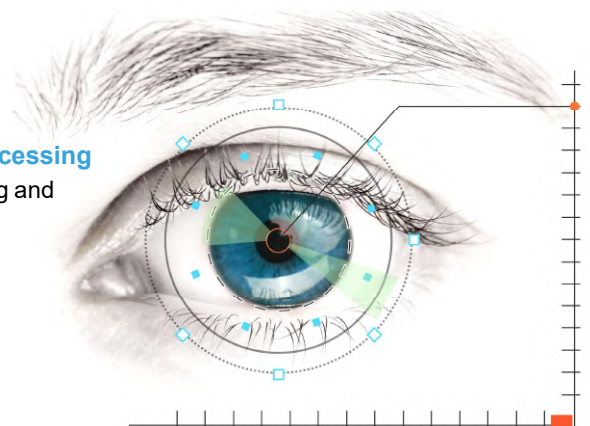
- PLC, PC Control, Vision System
- PLC Has PC Control Technology, Efficient Reduce production costs by utilizing control systems
- Introducing a machine vision system that generates and inspects patterns and shapes in real time

### Jig, Pallet Fabrication, Precision Processing, Mass production processing

- Have equipment and technology capable of precision parts processing and mass production processing (CNC, MCT)

### Industrial Material

- Cutting and processing various resins and AL, non-ferrous materials, making AL profiles and frames contact lens manufacturing business



# Global Management System

Manpower is wealth, and Technology is goods!



## Seoul Branch(Overseas Inquiry)

#506, 5th Floor, 11, Yeonhui-ro,  
Mapo-gu, Seoul, Republic of Korea  
Tel: 82-10-3648-9048  
Email: dpajf@nate.com



## Headquarter / FA Factory

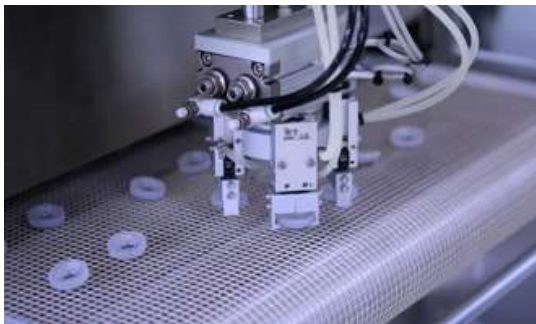
59, Sandanoryong-gil, Samgi-myeon,  
Iksan-si, Jeollabuk-do, Republic of Korea  
Tel: 82-63-853-1559

## Contact Lens Factory

59, Sandanoryong-gil, Samgi-myeon, Iksan-si,  
Jeollabuk-do, Republic of Korea  
Tel: 82-63-853-1559



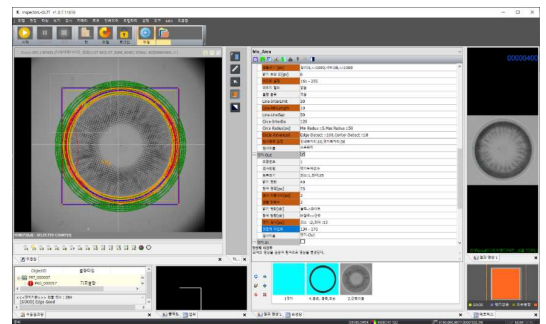
## Facilities



Lens printing machine



Auto-vision inspection machine



Auto-vision programs and algorithms

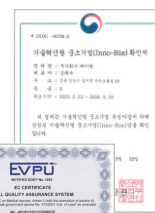


Automatic contact lens separation and loading machine



Automatic contact lens separation and inspection machine

## Intellectual Property(Patent, Certificate)



CE  
On Process

KGMP  
On Process



# Strength of Iacon Contact Lens

## ● Strict QC system

To ensure the quality of each individual lens, each lens is carefully produced under strict quality control and inspection systems for your safe use.

## ● Technological strength

We manufacture many of its devices especially in contact lens business, including combination, auto-separation machines, inspection devices and many other auto machines necessary for the lens manufacturing.

## ● Visual inspection performed of all steps

In all of main production steps, we perform image inspections to visually check all products. In the past, visual inspections were performed by human eyes. But we introduced automatic inspection devices to all of processes. As a consequence, this has enabled us to save time and costs in performing inspectors while keeping the quality of contact lens as high as before.

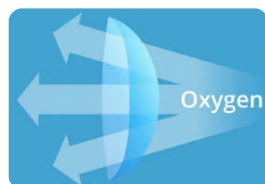


## Iacon Clear Contact Lens

Iacon-Clear lens can provide comfort feeling because of its best HEMA material and keep maintaining hydration and wettability. With optimal water contents of 42%, it gives better vision and enrich oxygen permeability. This advanced material allows for optimal oxygen flows to eyes, preventing dryness and irritation, and ensuring that your eyes remain healthy and hydrated, even during prolonged wear. And with our own special design, it can help tear and water circulation in eyes, and prevent or reduce the risk of ocular infection. This special design also ensures accurate center orientation so that wearers get better vision.



Special Design



High Oxygen Permeability



UV Protection



The Best HEMA Material

1DAY



- 8.6/14.0, 14.2 Available
- Light-Blue Tinted

WEEKLY



- 8.6/14.0, 14.2 Available
- Light-Blue Tinted

MONTHLY



- 8.6/14.0, 14.2 Available
- Light-Blue Tinted

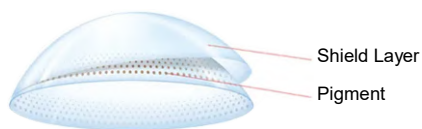
# Iricon Color Contact Lens

With a super-comfortable fit, the 3-layer-method (pigments embedded in the middle layer) protects eye health by preventing ink and colorant from directly touching the eye. It protects you from discomfort and itching by wearing contact lenses, such as myopia, corneal abrasion, and eye infection. Also, the color pigment is incorporated on the middle of the lens, resistant to fading.

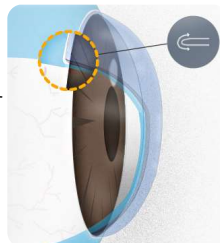
Iricon-Color lenses have many colors that go well with both light and dark eyes, and you can mix & match with iconic colors to create a trendy hybrid fashion with over 50 different types of colors. A stunning combination of rich background colors and cool rings, this lens offers a unique and natural look.



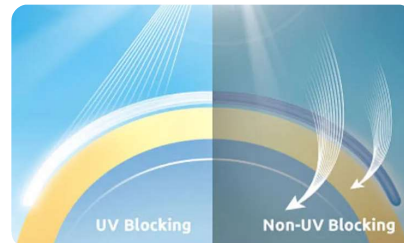
Optimum Water Content



3-Layer Process



Special Structure



UV Blocking

1DAY



- Suitable for light & dark eyes
- All color & size available

1MONTH

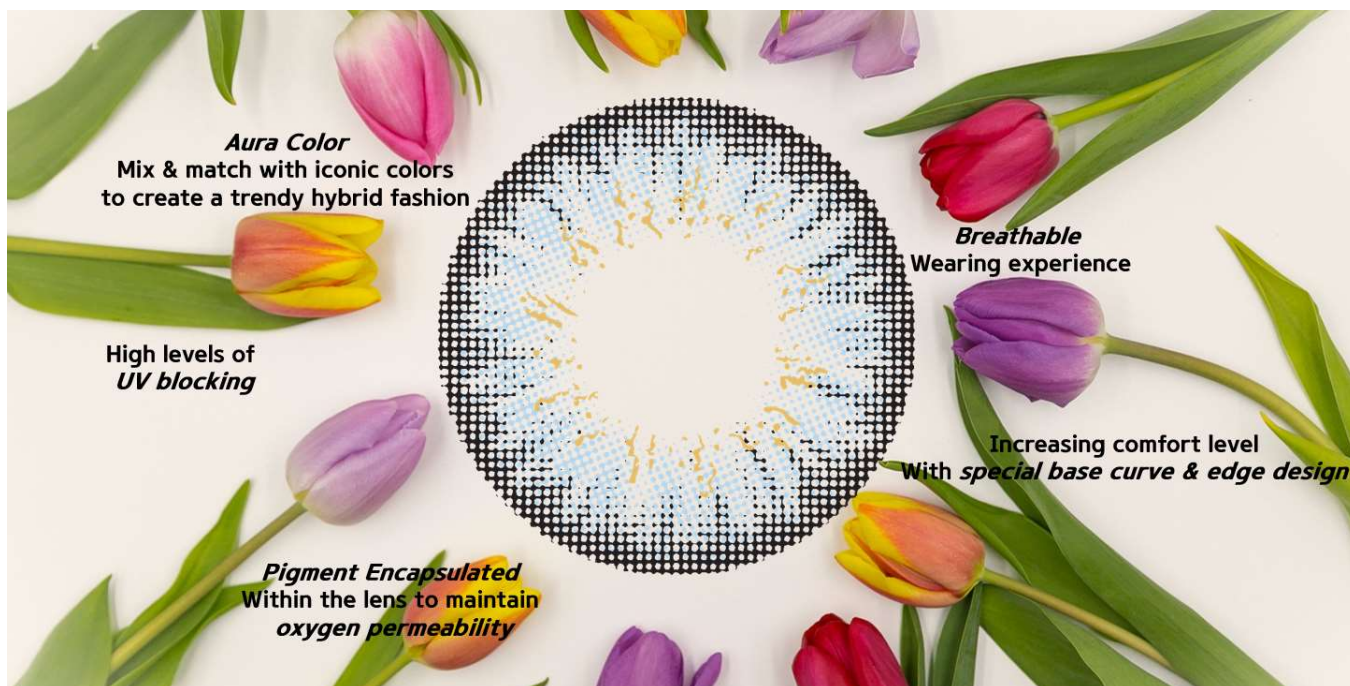


- Suitable for light & dark eyes
- All color & size available

3MONTHS



- Suitable for light & dark eyes
- All color & size available



## Color Chart

1-TONE COLOR



1001A



1001B



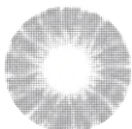
1001C



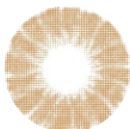
1001D



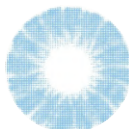
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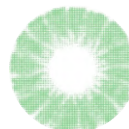
1002A



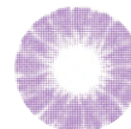
1002B



1002C



1002D



1002E



# Color Chart

2-TONE COLOR





# Color Chart

3-TONE COLOR





## Color Chart

### 4-TONE COLOR



4001A



4001B



4001C



4001D



4001E

### Fancy Lenses



9001



9002



9003



9004



9005

For further Information,  
You can access to our QR link.



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