

COMPANY INTRODUCTION

Precision Identification · Intelligent Sorting

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PART ONE

COMPANY INTRODUCTION

Company Profile

Development History

Honors and Qualifications

Leadership

Corporate Culture



Company Profile

The company, formerly known as Hefei Angelon Intelligent Control Research Institute, which was founded in 2001, is a national high-tech enterprise integrating the research, development, production, and sales of color sorter products. In 2016, Angelon was listed on the National Equities Exchange and Quotations (NEEQ), becoming the first stock in the color sorter industry on the NEEQ, with stock code: 838092.

Since its establishment, the company has always focused on product R&D investment and technological innovation, gradually building a high-quality R&D team. It has applied advanced image recognition technology in the field of color sorters. The company's self-developed Angelon intelligent CCD color sorter features high sorting precision, low damage, and low carry-over rate. It is widely used in food, traditional Chinese medicine, renewable resources, minerals, and other fields, capable of color sorting, shape sorting, and AI (artificial intelligence) intelligent recognition.

The company adopts an asset-light operating model, with over 3,000 square meters of office space and over 7,000 square meters of production workshops. It has established a marketing network covering both domestic and overseas markets, with products exported to over 40 countries and regions in Europe, America, Africa, Southeast Asia, and the Middle East.

The company always adheres to the business philosophy of "quality first, service paramount" and upholds the spirit of innovation, lean production, and dedication, embodying the craftsman ethos. We carefully select high-quality food ingredients to ensure food safety, enhance the recycling and utilization rate of renewable materials to contribute to environmental protection, and identify ore characteristics from multiple dimensions to facilitate the transformation and upgrading of the non-metallic mining industry.

Excellence comes from outstanding talent. Angelon is determined to become a responsible Chinese enterprise, striving to create first-class Angelon color sorters and leading the Chinese color sorting industry to occupy the commanding heights of the world's color sorting system.

20⁺
(Year)

Focused on tracked sorting

100⁺
(Item)

Technical patent

45⁺
(Piece)

Export countries and regions

Development History

2001

Establishment of the research institute

Founded Hefei Angelon Intelligent Control Research Institute, selling control systems for rice color sorters

2009

Company establishment

Hefei Angelon Electronics Co., Ltd producing and selling high-end intelligent color sorters

2010

Industry First

Successfully developed a full-color sorting machine and took the lead in launching a tracked color sorter.

2015

Innovate and Strive for Strength

Carry out joint-stock reform and Hefei Angelon Electronics Co., Ltd.

2016

Accumulate thickly and release thinly

Listed on the New Third Board, stock code 638092

2020

Keep up the good work

The company enters the 'New Third Board' Innovation Layer

2021

Steadily climbing

Company's sales exceed '100 million yuan'

2024

Building a New Chapter of Dreams

Carry out full-process quality management and establish a 'model of excellence'

2025

Intelligently Embrace the Future

Deeply cultivating AI deep learning and intelligent recognition, intelligently selecting technology to reach a leading level

Honors and Qualifications

National-level

High-tech enterprise

Provincial
Specialized and
New Enterprises

Tech Little Giant

Cultivate enterprises

Qualification Certification:

ISO Series Management System
Certification

CE Certification

100⁺
TECHNICAL PATENT

INVENTION PATENT 14⁺ ITEM

UTILITY MODEL PATENT 76⁺ ITEM

DESIGN PATENT 10⁺ ITEM

Leading Figures

Fang Maoyu Chairman



Character Introduction

Mr. Fang Maoyu, the founder of the company, was born in October 1964, holds Chinese nationality, has no permanent residence abroad, and graduated with a bachelor's and master's degree from the PLA Electronic Engineering Institute between 1982 and 1989.



Main Experience

- ◆ From June 1989 to August 1999, served as a faculty member at the PLA Electronic Engineering Institute.
- ◆ From September 1999 to February 2001, worked as a freelancer, engaged in microcontroller-related product design.
- ◆ From March 2001 to June 2009, served as the director of Angelon Electronics Research Institute.
- ◆ Since March 2009, he has been serving as the company's chairman and general manager.



Angelon

Corporate culture

Core values

Focus

Professional

Innovation

Create

Heartbeat

Action

Sincere

Honest

01

Business philosophy

Quality first, service foremost

02

Brand pursuit

Only outstanding talent can stand out, color selection saves labor

03

Corporate Vision

Strive to create top-notch Angelon color sorters, leading China's color sorting industry to occupy the world's commanding heights

PART TWO

PRODUCT INTRODUCTION

Product Series

Technical advantage

Industry applications

Sorting effect

Customer Case



Product Series

Angelon has multiple series of products, including A, C, T, K, Q, and R.



T3 Series

- Multi-dimensional sorting
- Three-dimensional recognition



K2 Series

- Wet and dry separation
- One machine, multiple uses



Q2 Series

- High yield and high efficiency
- Program Customization



C2 Series

- Lightweight material
- High-definition perspective



A Series

- Classic structure
- Stable performance



R Series

- High accuracy
- Wide coverage

Technical advantage

01 AI DEEP LEARNING ALGORITHM

02 ULTRA-HIGH-DEFINITION VISUAL IMAGING SYSTEM

03 BRAND-NEW ULTRAVIOLET SORTING TECHNOLOGY

04 COMPREHENSIVE SORTING TECHNOLOGY

05 MULTI-MODAL FUSION RECOGNITION TECHNOLOGY

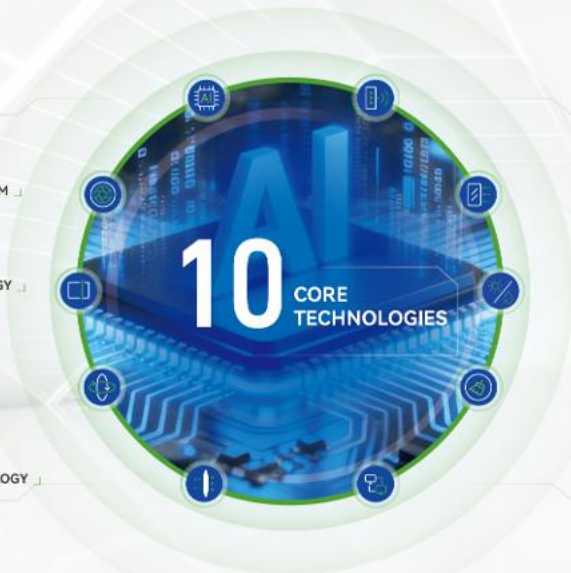
06 NEAR-INFRARED MATERIAL SORTING

07 OPTICAL PATH PROTECTION SYSTEM

08 DRY AND WET SEPARATION TECHNOLOGY

09 SELF-CLEANING SYSTEM

10 REMOTE DEBUGGING SYSTEM



Industry applications

Comprehensively covering six major sorting fields



Chinese medicinal herbs

White peony root, Astragalus, honeyuckle, Codonopsis, sour jujube seed, etc.



Seasoning

Chili peppers, Sichuan pepper corns, star anise, garlic, cumin, pepper, etc.



Ore

Pebbles, calcium carbonate, quartz, fluoride, potassium feldspar, barite, etc.



Renewable resources

Recycled plastics (PET/PVC/PP, etc.), scrap metals, glass, construction waste, etc.



Nut products

Peanuts, walnuts, sunflower seeds, pine nuts, cashews, green peas, pistachios, etc.



Frozen vegetables

Frozen edamame, frozen green beans, frozen cauliflower, frozen blueberries, etc.

Sorting Effect



White Peony Root (Raw)



White Peony Root (Accept)



White Peony Root (Reject)



Honeysuckle (Raw)



Honeysuckle (Accept)



Honeysuckle (Reject)



Astragalus (Raw)



Astragalus (Accept)



Astragalus (Reject)



Sour jujube seed (Raw)



Sour jujube seed (Accept)



Sour jujube seed (Reject)

Chinese medicinal herbs

Sorting Effect



Dried chili (Raw)



Dried chili (Accept)



Dried chili (Reject)



Star anise (Raw)



Star anise (Accept)



Star anise (Reject)



Garlic (Raw)



Garlic (Accept)



Garlic (Reject)



Amomum (Raw)



Amomum (Accept)



Amomum (Reject)

Seasoning

Sorting Effect



Peanut (Raw)



Peanut (Accept)



Peanut (Reject)



Walnut (Raw)



Walnut (Accept)



Walnut (Reject)



Pine nut (Raw)



Pine nut (Accept)



Pine nut (Reject)



Cashew (Raw)



Cashew (Accept)



Cashew (Reject)

Nut products

Sorting Effect



Frozen edamame pods (Raw)



Frozen edamame pods (Acceptet)



Frozen edamame pods (Reject)



Frozen corn kernels (Raw)



Frozen corn kernels (Acceptet)



Frozen corn kernels (Reject)



Frozen green peas (Raw)



Frozen green peas (Acceptet)



Frozen green peas (Reject)



Frozen fava beans (Raw)



Frozen fava beans (Acceptet)



Frozen fava beans (Reject)

Frozen vegetables

Sorting Effect



metal mixture (Raw)



metal mixture (Copper)



metal mixture (Aluminum)



Flat glass (Raw)



Flat glass (Accept)



Flat glass (Reject)



Plastic sheet (Raw)



Plastic sheet (Accept)



Plastic sheet (Reject)



Circuit board (Raw)



Circuit board (Accept)



Circuit board (Reject)

Renewable resources

Sorting Effect



Quartz (Raw)



Quartz (Accept)



Quartz (Reject)



Calcium carbonate (Raw)



Calcium carbonate (Accept)



Calcium carbonate (Reject)



cobblestone (Raw)



cobblestone (Accept)



cobblestone (Reject)



Potassium feldspar (Raw)



Potassium feldspar (Accept)



Potassium feldspar (Reject)

Customer Case

Cost reduction and efficiency improvement, investment return,
energy saving and environmental protection, industrial upgrading



Customer Case

Cost reduction and efficiency improvement, investment return,
energy saving and environmental protection, industrial upgrading



PART THREE

MARKET INTRODUCTION

Domestic Market

International Market

Exhibition Style



Domestic Market

Main market

- | | | | |
|---|---------|---|-------------------------|
|  | Ore |  | Chinese medicinal herbs |
|  | Plastic |  | Chili pepper |
|  | Metal |  | Garlic |
|  | Glass |  | Peanut |
|  | Slag | | |



Overseas Market

45⁺ COUNTRY/REGION

Angelon not only deeply cultivates the domestic market, establishing a complete marketing system and service network covering all provinces and cities in China, but also actively expands its overseas business, with products sold to 45 countries and regions in Europe, America, Africa, Southeast Asia, and the Middle East, gaining wide recognition in the international market.



Exhibition Style



2025 International Traditional
Chinese Medicine Expo
(Anhui · Bozhou)



2025 8th China International
Plastics Recycling Exhibition
(Zhejiang · Ningbo)



The 3rd China-ASEAN
Non-Metallic Mineral
Industry Expo
(Guangxi · Nanning)



The 6th China Traditional
Chinese Medicine Industry Expo
(Gansu · Longxi)



SMM (2nd Session) Global
Recycled Metals Industry
Summit Forum
(Thailand · Bangkok)

Exhibition Style



2025 China International Chili
and Seasoning Trade Expo
(Shandong · Qingdao)



2025 USA International Waste
Recycling Industry Expo
(San Diego, USA)



The 18th Nut and Dried Fruit
Food Expo and Procurement
Conference
(Anhui · Hefei)



CHINAPLAS 2025
(Guangdong · Shenzhen)



The 6th Shanghai International
Waste Incineration Power
Generation and Solid Waste
Treatment Technology Exhibition
(Shanghai)

PART FOUR

SERVICE INTRODUCTION

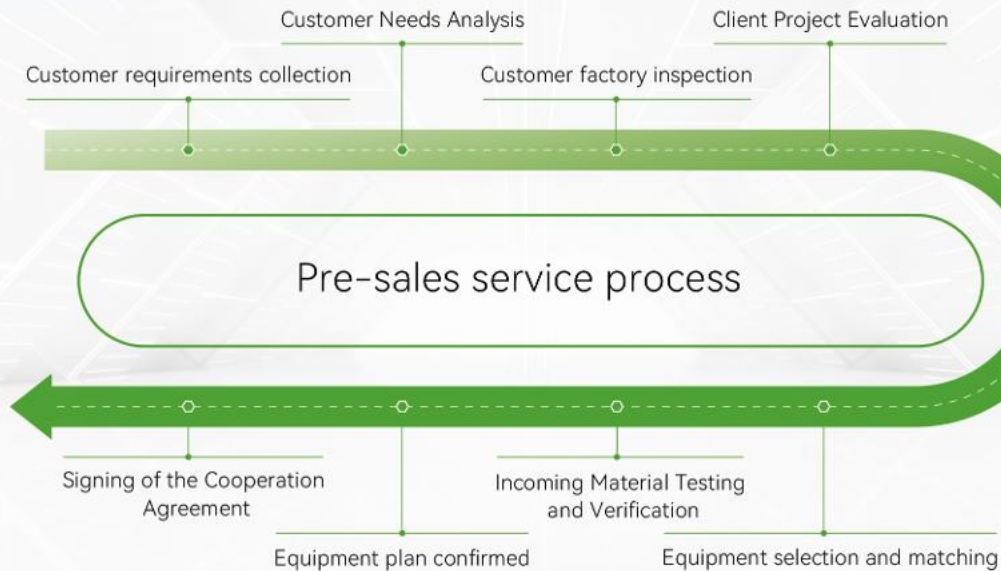
Pre-sales Service

After-sales Service

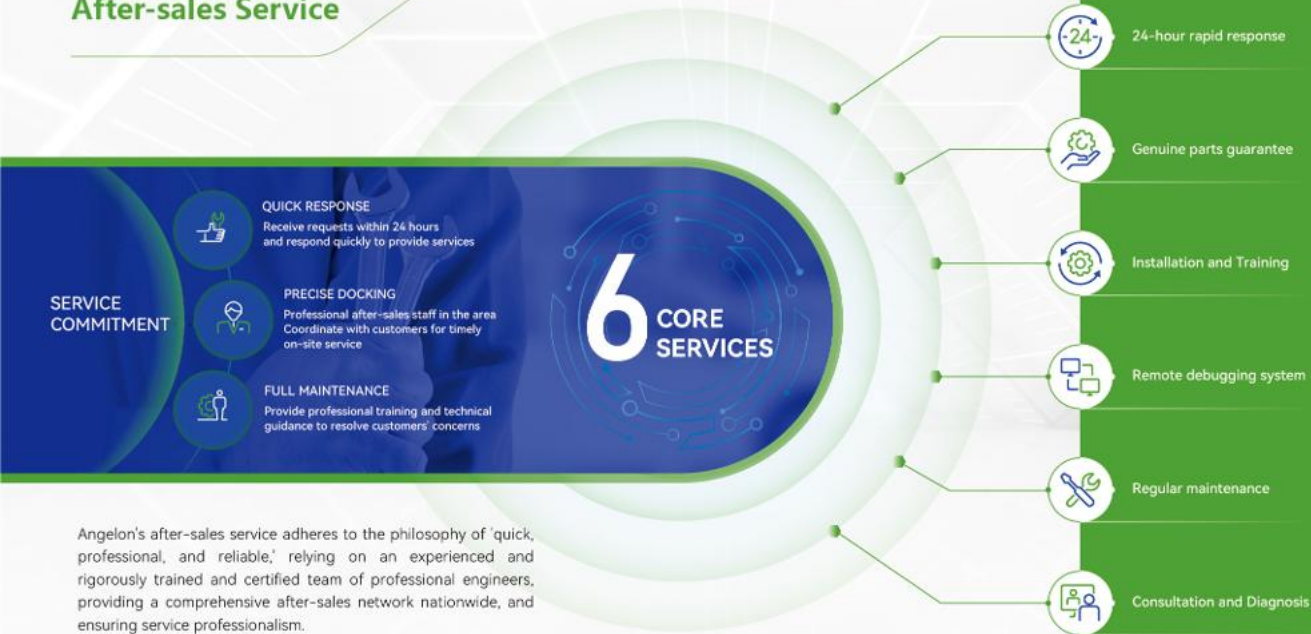
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Pre-sales Service



After-sales Service



Angelon's after-sales service adheres to the philosophy of 'quick, professional, and reliable,' relying on an experienced and rigorously trained and certified team of professional engineers, providing a comprehensive after-sales network nationwide, and ensuring service professionalism.

Contact Us

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