Moorgen Company Introduction

moorgen

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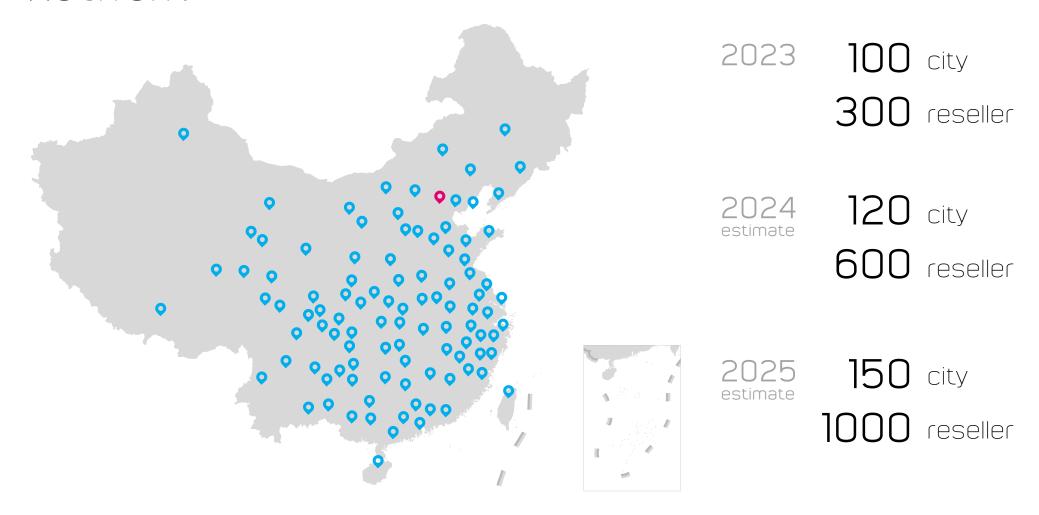
Company Profile

about moorgen

Moorgen Group founded in 2016, is a leading smart home manufacturer in the world. It has more than 1100 employees and covers an area of 65,000 square meters. Taking in advantage of self-developed bus-control, wireless control technology, and also cloud-computing as the core, the company has developed over 1,200 intelligent products which are capable of local and remote visual control. At present it has obtained over 300 patents of various types, among which the smart Al touch screens, smart panels, smart remote-control apparatus and smart hosts etc. are always the leaders in the industry. Meanwhile it achieved that smart home products can use "Moorgen Al Intelligent Algorithm MIA Technology" to memorize the users' usage habits, and truly created the Moorgen smart home system with Al capabilities.

Moorgen has invited numerous top architects and interior designers around the world to participate in the design of Moorgen's smart products, bringing a simple, comfortable and humanized user experience to the design of the whole series of products. Moorgen's smart products have also won many international design awards, including German Red Dot, German IF, American IDEA, Japanese GOOD DESIGN, and German Red Dot Design Award "Best of the Best". Moorgen is committed to providing high-quality smart products to the users of all the world, at the same time with innovative technology and excellent solutions, we will unremittingly provide users with comprehensive smart IoT products (Internet of Things) and with excellent quality and reliable reliability, cutting-edge technology the company ensure a leading position in the global market.

network



Moorgen Smart Patent

279 patents



Moorgen International Certification

TUV and UL authorized Laboratory all products follow Germany design standard and Moorgen provides the longest warranty period in smart home retail industry





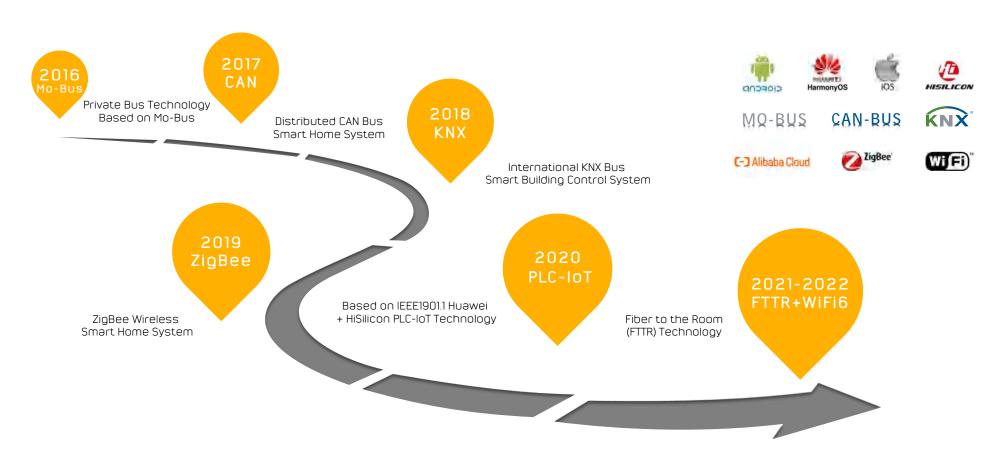








Strong R&D strength and technology know-how Support multiple mainstream smart home technologies



Cooperate extensively with world-renowned intelligence platforms and work seamlessly with Matter Ecosystem, HUAWEI Harmony Ecosystem, Alibaba Intelligence Ecosystem, Tuya Smart Ecosystem, and iFLYTEK AI Platform



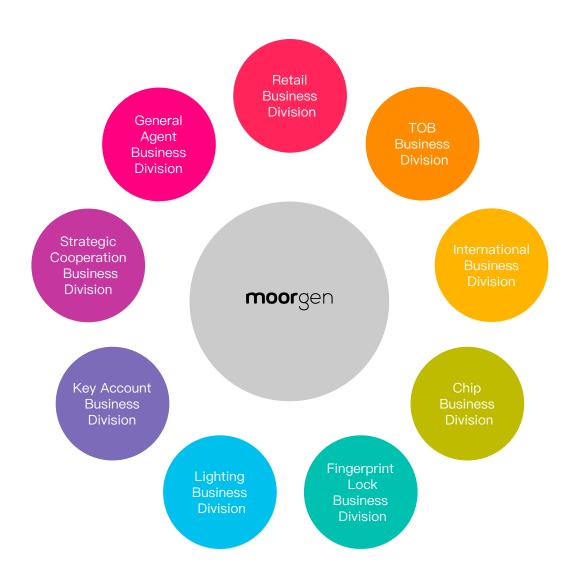












Moorgen Group's Nine Business Divisions









2

Master Design



moorgen global master design designed by world-renowned architects ultimate choice for luxury home

moorgen



Design
Aesthetics
Humanization
Function

Life
Wisdom
Intelligence
Comfort
Transformation

moorgen smart panel Zaha Hadid Design. landmark series

moorgen x Z H D













Design Aesthetics Humanization Function Life Wisdom Intelligence Comfort Transformation



moorgen smart panel steve leung super car series

moorgen x stantama











Design Aesthetics

Humanizatio

Function

Life Wisdom

Intelligence

Comfort

Transformation

moorgen smart lamps tino kwan master series

moorgen x TINOKWAN







moorgen smart panel liang jianguo jade series

moorgen x Liang JianGuo



Design

Aesthetics

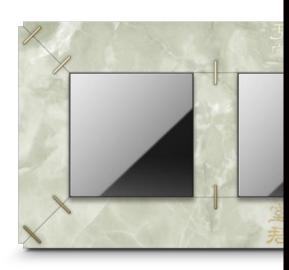
Humanization

Function

Life

Wisdom

Intelligence Comfort









Design

Aesthetics

Humanization

Function

Life Wisdom Intelligence Comfort

Transformation

moorgen smart panel ben wu·modern east series

moorgen x BEN WU



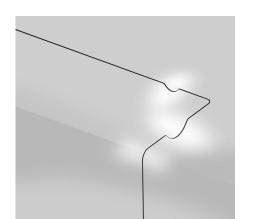






moorgen magnet track light italy:j series

 $\textbf{moor} gen \ \ \textbf{x} \ \ \textbf{Jorge Herrera}$









moorgen smart panel neri & nu series

moorgen x neri&hu

Design
Aesthetics
Humanization
Function

Life
Wisdom
Intelligence
Comfort
Transformation







PHILIPPE STARCK

French designer
Grand Prix National de la
Création Industrielle
Honor Award of the American
Institute of Architetcts Won
almost all international design awards
including the Red Dot Design Award
IF Design Award
Excellence in Design Award

moorgen x STARCK



YABU PUSHELBERG

Godfather of hotel design
the first generation architect of W Hotel
Appointed as Officers of the Order of Canada
Inducted into the Interior Design Hall of Fame
and named among the world's most
influential design studios
by Wallpaper, Elle Decoration
Hospitality Design
and the Business of Fashion

moorgen x Salar Bushellong

3

Moorgen Smart Panel

Desigr

Aesthetics

Humanization

Life

Wisdom

intelligenc

Transformation





moorgen smart dimming knob queen series











moorgen smart dimming panel milan series



moorgen smart remote control M18 series





Design Aesthetics

Humanization Function

Life Wisdom

Intelligence

Comfort









moorgen smart panel monaco supercar series

Design Aesthetics

Humanization

Function

Life

Wisdom Intelligence

Comfort

















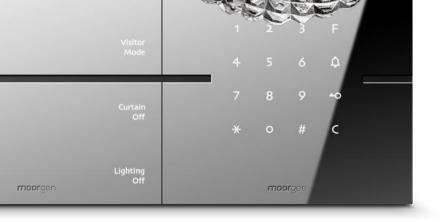
























Design Aesthetics

Humanization

Function

Life

Wisdom

Intelligence Comfort



Design

Aesthetics Humanization Function

Life

Wisdom

Intelligence

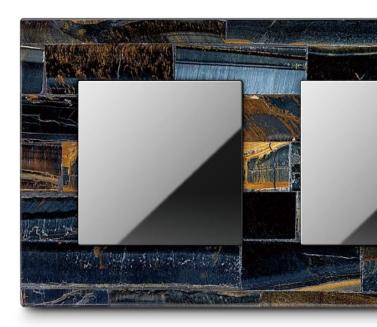
Comfort

Transformation

moorgen smart panel denmark series









moorgen smart panel denmark series





Design Aesthetics

Humanization

Function

Life Wisdom

Intelligence

Comfort

Transformation





moorgen smart panel newton series







moorgen smart panel london series



Design
Aesthetics
Humanization
Function

Life

Wisdom Intelligence

Comfort Transformation



moorgen smart Icd panel sweden series





Life
Wisdom
Intelligence
Comfort
Transformation





Design Aesthetics

Humanization

Function

Life Wisdom

Intelligence

Comfort

Transformation



moorgen Al smart Ito panel belgium series





Design

Aesthetics

Humanization Function

Life

Wisdom

Intelligence Comfort

Transformation



moorgen smart panel column milan series



Design

Aesthetics

Humanization Function

Life

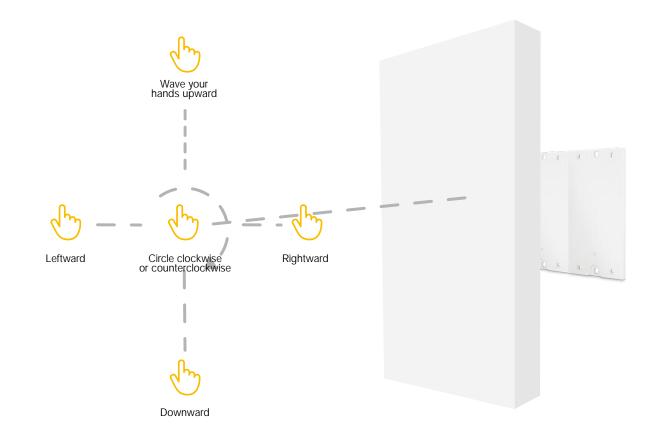
Wisdom

Intelligence Comfort

Transformation



moorgen smart panel base invisible panel hand





Design

Aesthetics

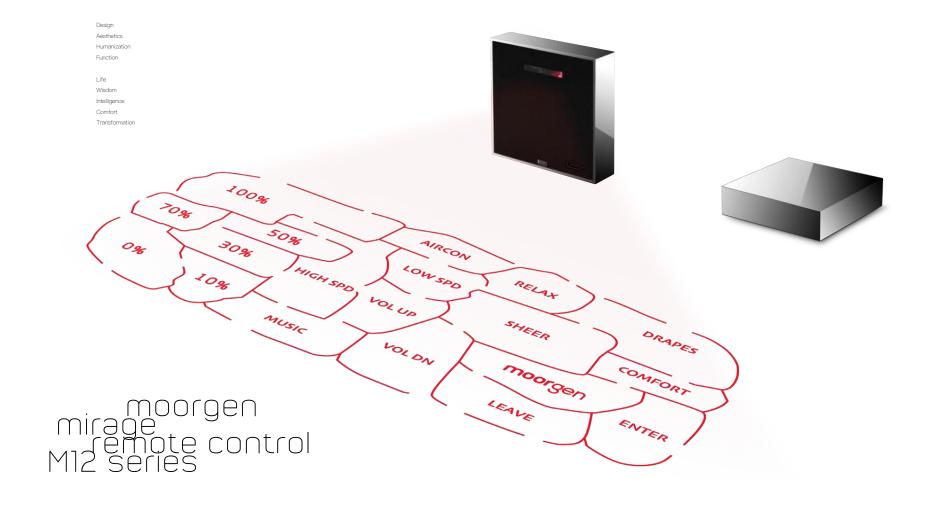
Humanization

Function

Life
Wisdom
Intelligence
Comfort
Transformation

moorgen crystal smart panel alaska series





4

Moorgen Smart Screen



moorgen Al smart screen. venice series

Design Aesthetics Humanization Function

Life
Wisdom
Intelligence
Comfort
Transformation









moorgen Al smart screen helsinki series

Design Aesthetics

Humanization Function

Life

Wisdom

Intelligence Comfort

Transformation





Design
Aesthetics
Humanization
Function

Life Wisdom Intelligence Comfort Transformation

moorgen ai smart screen luxembourg series





Design

Aesthetics

Humanization Function

Life

Wisdom

Intelligence

Comfort

Transformation





moorgen Al smart screen italy series



Design Aesthetics

Humanization

Function

Life Wisdom

Intelligence

Comfort

Transformation











moorgen Al smart screen finland series



Design
Aesthetics
Humanization
Function

Life Wisdom Intelligence Comfort Transformation

moorgen Al smart screen dubai series



Design
Aesthetics
Humanization
Function

Wisdom Intelligence Comfort Transformation

Life





smart screen UAE Series





moorgen ai smart fiji series

Design Aesthetics Humanization

Function

Life

Wisdom

Intelligence

Comfort Transformation







moorgen Al smart flexiole screen south africa series



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Design
Aesthetics
Humanization
Function

Life
Wisdom
Intelligence
Comfort
Transformation









moorgen Al smart screen

5

Moorgen Smart Remote Control





moorgen smart dimming remote control M78 series













moorgen dimming smart remote control M58 series











Design Humanization Function

Life Wisdom Intelligence Comfort Transformation



moorgen smart dimming remote control M56 series











reddot award 2019 best of the best



moorgen smart remote control M50 series









moorgen smart remote control M50 crystal series









moorgen smart remote control M66 series







moorgen smart remote control M36 series



Design

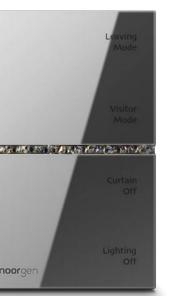
Aesthetics

Humanization

Function

Life Wisdom Intelligence Comfort Transformation





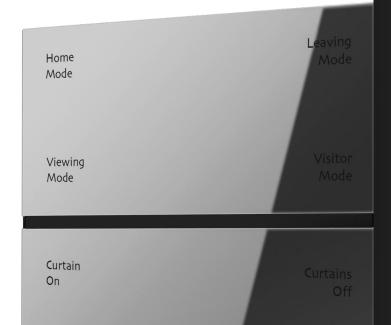








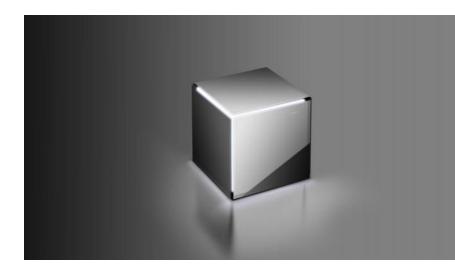






Design
Aesthetics
Humanization
Function

Life Wisdom Intelligence Comfort Transformation



moorgen smart Cube M20 series

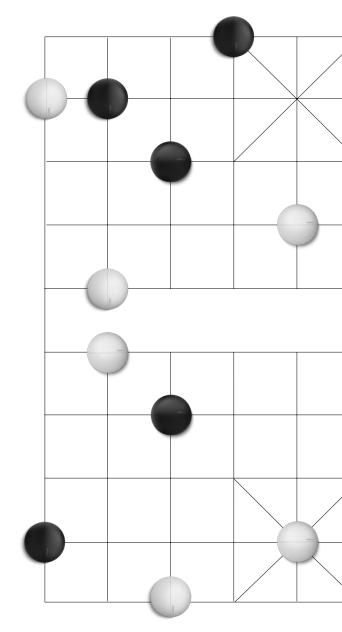




moorgen 2-key mini smart remote control M2 series Nobel kind Helpful Striking perfect Dutiful able

Active Energetic Sporting Creative Cultured

Attractive





6

Moorgen Smart Lighting



Flower of Paris 75 Motorized downlight Trimless



Flower of Paris 75 Motorized downlight Trim



tilt up to26°

Motorized downlight Trimless Beam Angle:15°, 24°

Power: 12W

CCT Tunable: 2700-4000K

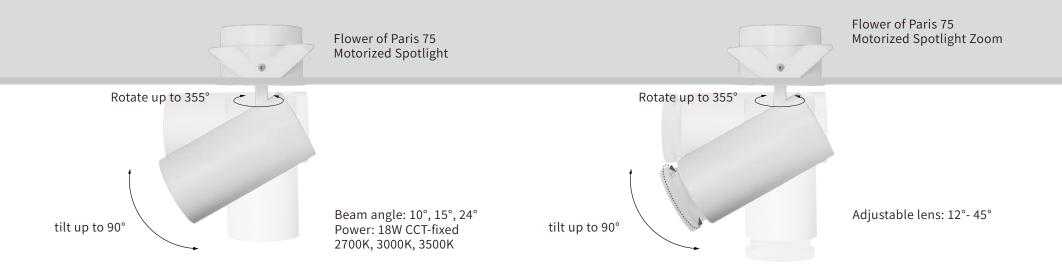


Motorized downlight Trim Beam Angle:15°, 24°

Power: 12W

CCT Tunable: 2700-4000K

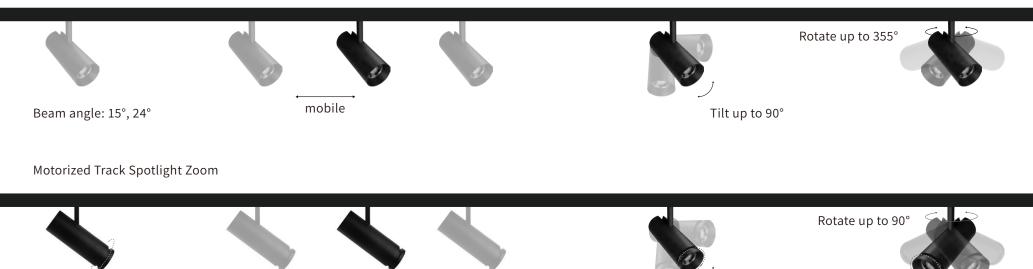
motorized downlight



75 Motorized spotlight 75 Adjustable lens

Motorized Track Spotlight

Adjustable lens: 10°-60°



motorized track spotlight

mobile

Flower of Paris Spot 60
The motorized spotlight is only allowed to move in a single profile and can not ride over the profile joints

Tilt up to 90°



Hawaii 35 **Round Trimless**

2700K/3000K/ 3500K/4000K 10°/15°/24° 9W Ø38×H89mm

**



Hawaii 35 **Round Trim**

2700K/3000K/ 3500K/4000K 10°/15°/24° 9W Ø39×H87mm

**

Hawaii 55 **Round Trimless**

2700K/3000K/ 3500K/4000K 10°/15°/24° 12W Ø51×H90mm

 $\star\star\star$



downlight

A Downlight lighting fixture family with better design and lighting effect



2700K/3000K

3500K/4000K 10°/15°/24° 12W Ø60×H90mm

Hawaii 55



Hawaii 75 **Round Trimless**

2700K/3000K/ 3500K/4000K 10°/15°/24°/36° 12W Ø70×H87.8mm

 $\star\star\star$



Hawaii 75 **Round Trim**

2700K/3000K 3500K/4000K 10°/15°/24°/36° 12W Ø80×H87.7mm

hawaii series downlight custom duv professional downlight

Hawaii





75 Ceiling Cut-out Diamond Series 7200K/12W 10°、24°





75 Ceiling Cut-out Design Furniture Series 2700K/12W 10°、15°、24°





75 Ceiling Cut-out Gallery Series 2700K/12W 24°



75 Ceiling Cut-out Gourmet Series 2800K/12W 10°、15°、24°





75 Ceiling Cut-out Fashion Series 3400K/12W 10°, 24°



75 Ceiling Cut-out Natural Full-Spectrum series 2700K-6500K/12W 26°



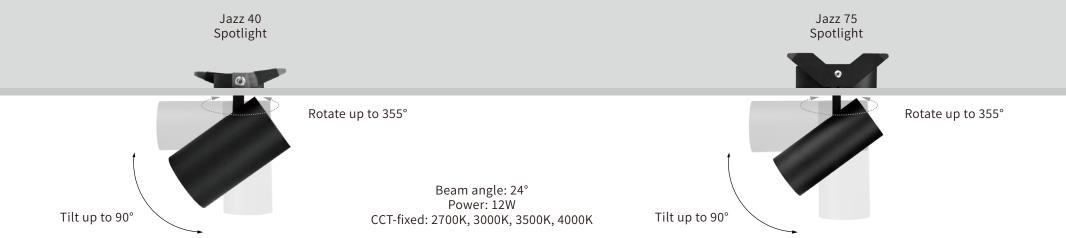




jazz 40 spotlight

Jazz Spot 40, system power 9W, is the perfect lighting for art on the wall and soft decorations at corner

fazz



fazz spotlight



pattaya series spot downlight

The most cost-effective downlight 5 ceiling cut-out/Narrow trim Frame Spotlight /12W/Rimless spotlight unavailable



Tallage

lewis series linear downlight

Available in trimless and narrow trim Downlight 3 spots downlight 6W, 6 spots downlight 12W 12 spots downlight 22W Invisible linear flat wall washer light 12W/24W black grille wall washer 6W/12W/24W Available in recessed and surface-mounted version









Moorgen Project Case















8

Moorgen Factory

Cooperative Laboratory

Moorgen's Intelligent Cooperative Lab is authorized by top certification body in the industry.

German's rigorousness is internationally acknowledged.
German TUV certification is also the most demanding in the industry TUV authorized Moorgen Smart Home's test lab as their cooperative lab. This means Moorgen's product quality is highly recognized.



德意志莱茵 TÜV 集团 制造商现场测试实验室



Greater China TÜV SUD Cooperated Laboratory TÜV南德意志集团合作实验室



Hazardous Substance Management



We know that many substances commonly used in the electronics industry are harmful to people and the earth. As a industrial leader, Moorgen, however, takes the responsibility to set a good example for others, advocating "Protecting the environment, loving the earth". Therefore, we advocate the use of more environmentally friendly and safer materials when developing products in order to reduce or even eliminate environmental risks and hazards. Meanwhile, Moorgen also asks suppliers to shoulder the responsibility of environ-mental protection. We regularly audit products from our suppliers, test the raw materials in the independent labs, and then verify the results in our labs.



Lead(Pb) Lead(Cd)



Hexavalent (Cr⁶⁺) Mercury(Hg) <1000PPM



PBB

PBDE DIBP DEHP

DEHP

DDBP

BBP

<1000PPM

<1000PPM

<1000PPM

<1000PPM

<1000PPM

<1000PPM

<1000PPM

<1000PPM

<1000PPM

ISO14001: 2015 Environmental Management System



ISO45001: 2018 Occupational Health

運江農業智能技术有限公司

新教育的物質的(模块、質板)研究、生产的服务 的物质取及健康企业管理

and Safety

Management System

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Environmental Protection

Environmental Protection & Social Responsibility

With the corporate purpose of environmental protection and sustainable development, moorgen focuses on energy loss, resource utilization, energy conservation and environmental protection during the processes of prelimi-nary design, development and production. And it improves the utilization and reusability of materials through continuous optimization. In the mean-time, we strongly believe that product quality, sustainable development and environmental protection are inextricably linked, so moorgen has passed the IS14001:2015 system and IS045001:2018 system certification sincethe beginning of its establishment in 2016. It proves that moorgen is not only committed to product quality, but it also shoulders the corporate social responsibility.



Environmental Protection



In order to ensure the safety of employees, Moorgen passed Work Safety Standardization certification in July 2020 by adhering to the principle of "Safety First, Prevention as Priority, Comprehensive Management" and the scientific development concept of "People-Oriented"

ISO9001: 2015 Quality Management System

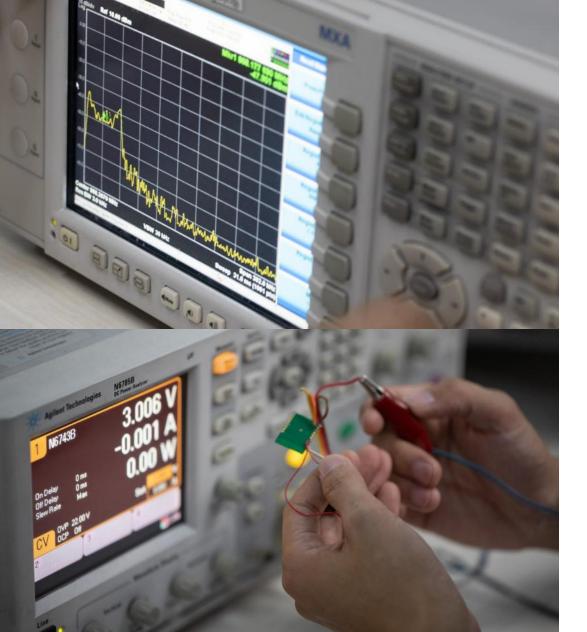


IECQ-QC080000: 2017 Hazardous Substance Process Management System



Quality Assurance

Moorgen believes that the quality of our products and processes, which are of utmost concern to our customers and our company, should be strictly monitored through the audit and supervision of the authoritative certification bodies. Pursing superb quality is critical to Moorgen, so the company passed IS09001:2015 quality management system certification since the beginning of its establishment. And the pursuit of quality is a never-ending journey. In 2021, Moorgen acquired ICQ QC080000: 2017 hazardous substances management process certification, which is the most crucial certification in electronics industry that adheres to more stringent quality standards.



Quality Assurance

Laboratory Testing

Moorgen has jointly authorized laboratories includingUL. TUV and CVC.
The lab test center can perform more than 20 different reliability tests to ensure that moorgen products are reliable and stable even under the toughest working conditions.



Production Equipment

Class 100,000 Clean Workshop & Advanced Production and Testing Equipment

Burner

Burn-in automation Labor saving with low cost High efficiency/high precision

SMT Automation

Automated SMT Soldering Labor savine with low cost High efficiency/high precision



Production Equipment

Class 100,000 Clean Workshop & Advanced Production and Testing Equipment

Automated Optical Inspection (AOI)

High-speed inspection system
Automatic data inspection
Multifunctional inspection specifically for
Automated calibration
High-precision inspection

RoHS Testing Equipment

It can test six Phthalates featuring qualitative analysis and quantitative analysis

Production Equipment

Investment on SMT/DIP equipment



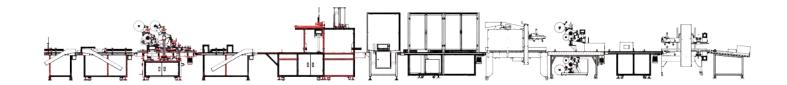








Production Equipment







Automatic Screwing Machine

Precised Laser Cutting

Aging Chamber

Automatic Test Tool

moorgen