Company Presentation and Business Overview Sustainability Initiatives

February 18, 2022



Company Profile

Industry-leading manufacturer of environmental test chambers

Name ESPEC CORP.

3-5-6, Tenjinbashi, Kita-ku, Osaka

Representative Masaaki Ishida

July 25, 1947

Incorporated January 13, 1954

Paid-up Capital ¥6,895 Million

Issued shares 23,781,394 Shares

Employees 1,526 (consolidated)

Head Office

Main Business

Head Office

Established

Manufacture and Sales of Environmental Test Chambers, Energy Device Equipment, Semiconductor Equipment and Plant Factory. After-sales Service, Laboratory Testing Services and others.

Share of Environmental Test Chambers

Over 30% worldwide, Over 60% domestic

(As of March 31, 2021)

Global Network



- : Non-consolidated Subsidiaries

Summary of ESPEC Business (Per Market / Use)

		Main Products	Market	Use	Sales Composition (FY2020)
Equipment Business	Environmental Test Chambers	 Temperature & humidity chamber Thermal shock chamber Bench-top type temperature & humidity chamber HAST chamber Walk-in type temperature & humidity chamber Combined temperature & humidity chamber HALT & HASS test chamber FPD equipment 	 Electronic component and equipment market Automobile market Semiconductor market Pharmaceuticals, Cosmetics, Foods market LCD and Organic Electro- Luminescence market 	 For R & D For credibility and evaluation For production and inspection 	79%
	Energy Device Equipment	 LIB charge-discharge cycle evaluation equipment LIB safety evaluation system Fuel cells evaluation system 	 Next generation automobile market Secondary batteries market Fuel cells market 	 For R & D For credibility and evaluation For safety evaluation For production 	
	Semiconductor Equipment	 Burn-in system Semiconductor evaluation system Measurement system 	•Semiconductor market •Automobile market	 For production and inspection For development and evaluation 	
Service Business	After-sales Service and Engineering	After-sales serviceConstruction around equipment	•Electronic component	_	16%
	Laboratory Testing Services and Facility Rentals	Laboratory testing servicesResaleEquipment rentalCalibration	•Automobile market •Semiconductor market	For R & DFor credibility and evaluation	
Other Business	Environmental Preservation	Reforestation (Tree planting), Waterfront biotope restoration, Urban greening			5%
	Plant Production Systems	Plant factory, Equipment for growing plants			



What is Environmental Test

Test to analyze and evaluate effects of environmental factors such as temperature, humidity, pressure, and vibration on various industrial products like electronic components in order to ensure product quality.

1950s

The environmental test was JISstandardized in Japan for consumer products.



1961 Japan's First Environmental Test Chamber

"Reliability" and "quality control" became important issues in product development. Demand increased dramatically due to a rapid shift toward computerization and the use of electronic components.

1970s - 1990s





Present

Demand is expanding in 5G and IoT field, also the development field of automobiles' electrification and automated driving functions.



Consecutively selected as a winner of Ministry of Economy, Trade and Industry (METI) "Global Niche Top Companies Selection 100"



Low Temperature & Humidity Chamber "Lucifer" Worldwide Market Share No.1



Temperature & Humidity Chamber "Platinous J series"

Transition in Business

Expanding business based on the "environmental creation technology" refined during the course of developing environmental test chambers



Equipment Business Usage Case with Environmental Test Chambers



Equipment Business Main New Products

Release Date	Name of product	Features
Jun. 2021	Ultra-Low-Temperature Freezers	•Used for small lot storage to -75°C for items such as COVID-19 vaccines
Apr. 2021	Freezer for Temperature Controlled Transport	 Optimal for small-lot transport and storage of items such as COVID-19 vaccines Vibration resistant, energy efficient and portable
Feb. 2021	Vacuum Low-Temperature Heating Cooker – Model Change	•Enables precise control of not only temperature but also the degree of vacuum
Aug. 2020	Expanded Environmental Stress Chamber AR Series Lineup	•Expanded the series with launch of four new models as rapid-rate temperature cycle type products, bringing the total lineup to 32 models across the series
Mar. 2020	Transportation Evaluation System	 Recreates transport environments for pharmaceuticals and medical devices Applications in biopharmaceutical R&D and medical equipment quality control
Feb. 2020	Walk-In Type Temperature (& Humidity) Chamber for Drive-In Series	•Recreates various weather environments in a large space accommodating two vehicles
Feb. 2020	Walk-In Type Temperature (& Humidity) Chamber for High-Power Series	•Compatible with international IEC standards and LV124 German Automotive Manufacturer Testing Standards
Dec. 2019	Thermal Air Test System	• Materials testing is possible under actual use conditions such as in vehicles through combinations of various types of material testing equipment
Dec. 2018	Aging Cabinet	•Makes possible the no temperature rise due to defrosting, and long-term continuous operation of high humidity environment is possible while maintaining below 5°C

Equipment Business New Product Introduction (1)

(Released in Feb. 2020)

Walk-In Type Temperature (& Humidity) Chamber for High-Power Series

Feature:

- •Compliant with IEC International Standards and German Automotive industry standard LV124
- (Can perform rapid temperature change testing at 3K/minute with the specimens inside.)
- •Low GWP coolant (R-449A) as standard equipment

Walk-In Type Temperature (& Humidity) Chamber for Drive-In Series

Features:

- •Closely recreates various weather environments in a large space of approximately 500 m³ accommodating two vehicles to perform actual vehicle testing
- •Multiple environmental factors can be recreated simultaneously, including temperature and humidity, sunlight, rain, snow, fog, and wind



Image of vehicle test

Walk-In Type Temperature (& Humidity) Chamber for Drive-In Series



Walk-In Type Temperature (& Humidity) Chamber for High-Power Series

Equipment Business New Product Introduction (2)

For the medical field

(Released in Apr./Jun. 2021)

Freezer for Temperature Controlled Transport Ultra-Low-Temperature Freezer

Features:

- •Freezer for Temperature Controlled Transport: Supports small-lot transport and storage of items such as vaccines; vibration resistant, energy efficient and portable.
- •Ultra-Low-Temperature Freezer: Capable of small-lot storage to -75°C; Two types of freezers, floor and table.



(Released in Dec. 2019)

Thermal Air Test System

Features:

- •Can be combined with various materials testing instruments to perform materials testing in actual usage environment with given temperature
- •Uses ESPEC's proprietary new method for cooling and heating test pieces efficiently



Example of set up with friction and wear testing machines and hardness meter (Left) Thermal Air Test System (Right)



Freezer for Temperature Controlled Transport



Ultra-Low-Temperature Freezer

Equipment Business Examples of Products Delivered (1)

(Delivered in Jul. 2018)

Walk-in Type Temperature (& Humidity) Chamber, for building materials

Uses:

Reproduce the environment inside apartments (temperature and humidity) and outdoors (weather such as rain, snow, and sunlight), conduct performance evaluations and durability tests of building materials for sash, balcony, etc.



Walk-in Type Temperature (& Humidity) Chambers, for use for building materials







Furnished with irradiation equipment and watering (rain) equipment, to reproduce an outdoor weather environment

Equipment Business Examples of Products Delivered (2)

(Delivered in Mar. 2016)

Smart System Research Facility, Fukushima Renewable Energy Institute, AIST (Koriyama city, Fukushima)

Product delivered:

Large Walk-in Type Temperature & Humidity Chamber

Uses:

Performance and safety evaluation for large power conditioners for solar power generation Supports heat generation loads of 100 kw and large weights (21 tons)



Large Walk-in Type Temperature & Humidity Chamber

National Laboratory for advanced energy storage technologies (NLAB), National Institute of Technology and Evaluation (Nanko, Osaka City)

Product delivered:

1.Walk-in Type Temperature & Humidity Chamber for chargedischarge testing

2.External short-circuit testing equipment (energy devices equipment)

Uses:

1.Evaluate the performance of storage batteries by repeatedly charging and discharging them

2.Evaluate safety by confirming that storage batteries will not catch fire or rupture if they short circuit



Walk-in Type Temperature & Humidity Chamber for charge-discharge testing

Charge-discharge Cycle Evaluation Equipment

Equipment for ensuring the reliability and safety of lithium-ion secondary batteries for next-generation vehicles (e.g., hybrid and electric vehicles)





Checking the charge-discharge characteristics of secondary batteries

socket

Charge-discharge Cycle Evaluation Equipment

Evaluating the performance and life of secondary batteries

Equipment Business Usage Case with Semiconductor Equipment

Screening

Eliminate defective products to maintain initial-period quality at the final inspection stage of semiconductor device manufacturing



Reliability Evaluation

Used to evaluate basic failure patterns to ensure reliability in the development of new technologies



Conductor Resistance Evaluation System



Electrical evaluation of reliability of joints in electronic parts

Service Business

After–Sales Service and Engineering

Preventive maintenance of products, maintenance service, and the upgrading/improvement and installation/relocation of products

Speedy response via one of the most extensive networks in Japan

Launching new services by utilizing the network function mounted in the equipment

Laboratory Testing Services and Facility Rentals

Laboratory testing, analysis, and evaluation; consulting; equipment rental; sales of used products; calibration of test equipment, etc.

The company has four laboratory testing centers in Japan, one in Thailand, two in China.

(Japan: Utsunomiya, Toyota, Kariya and Kobe, Thailand, China: Shanghai, Suzhou)

•The centers are also recognized as official calibration facilities under the Japan Calibration Service System (JCSS).

First in world Opened Battery Safety Testing Center.(in Sep. 2015)

- Providing a one-stop service for testing and certification application services compliant with United Nations regulations on the safety of automotive secondary batteries.
- Entered into business alliance with TÜV SÜD Japan Ltd., a third-party certification agency (in Oct. 2014).



Battery Safety Testing Center

First in Japan Acquire ISO/IEC 17025* test facility certification simultaneously in the three fields of automobiles, trains and airplanes.
 First in Japan The Toyota Test Center addressing all test items set forth by the LV124 German Automotive Manufacturer Testing Standards.

* ISO/IEC 17025: An international standard in which an authoritative third-party organization certifies whether a test facility or calibration organization is capable of producing accurate measurements or calibration results.



Service Business After–Sales Service

"Home-based online service"

to support continuity of customers' development operations

When using ESPEC products

Operate equipment and monitor samples from home

- •Centralized management (monitoring and data analysis)
- •Receive operating status by email
- •Monitor samples using in-chamber monitoring camera (launched in March 2020)



Image of in-chamber monitoring camera

When using laboratory testing center

All testing operations performed on behalf of customer, from start to finish, including transportation

- Remote consultation
- •No need to attend in person
- •Remote instruction



First in Japan to realize 100% green electricity for laboratory testing services Contributing to the reduction of CO₂ emissions in customers' supply chains

We introduced renewable energy and became first in Japan to realize 100% green electricity for laboratory testing services in April 2021. We expect to reduce annual CO₂ emissions by approximately 4,187 t.

Laboratory testing centers in Japan:



Kobe Test Center



Utsunomiya Test Center

Toyota Test Center



Battery Safety Testing Center

Kariya Test Center



Service Business Laboratory Testing Services

World's first Battery Safety Testing Center compliant with United Nations regulations

Providing a one-stop service to support the implementation of 9 safety tests and applications for certification by certification agencies, as stipulated by UN ECE R100-2. Part II, a United Nations regulation. (The facility was opened within the Utsunomiya Technocomplex in September 2015.) First testing facility in Japan to address German Automotive Manufacturer Testing Standards Renovated the Toyota Test Center

Supporting Japanese automotive equipment manufacturers seeking to develop global operations by addressing all test items set forth by the LV124 German Automotive Manufacturer Testing Standards (Renovated the Toyota Test Center in September 2019)



Crush Testing Equipment (No. 1 Safety Test Room)



No. 2 Safety Test Room



Toyota Test Center

Other Business

Environmental Preservation

Reforestation (Tree planting)

Recovery of local forest by selecting species and planting out seedlings using potential natural vegetation data.

Waterfront biotope restoration

Reconstruction of natural environment, development of vegetative revetments, and water quality improvement using aquatic plants.

Urban greening

Provision of roof and wall greening systems that use moss to effectively alleviate heat island effect.

Plant Production Systems

Provision of various cultivation environments employing advanced environmental control technologies to control light, temperature, humidity, carbon dioxide, etc.



Plant factory



Phyto-toron







Produced a high value-added vegetables using deep sea water

Production and sales of vegetables high in minerals with the use of deep sea water at a plant factory near Haneda Airport.



Interior of the plant factory and factory-produced vegetables "mineraleaf"

Arid Land Research Center, Tottori University

Products delivered:

Experimental System for Analyzing Responses of Dryland plants to Climate Changes (2 units) (Simulates the climates of arid lands, including high temperature, low humidity, strong sunlight, and high winds)

Uses:

Plant cultivation experiments and experiments to develop efficient water-usage technologies in arid lands, research to solve issues facing arid lands



Experimental System for Analyzing Responses of Dryland plants to Climate Changes



Experiment in progress

Objective: Strengthen technology development capabilities by encouraging open innovation and promote preservation of biodiversity

Concepts : "Open innovation,"

"Open communication,"

"Coexistence with the natural environment"

Location: Kanokodai, Kita-ku, Kobe, Hyogo (in Kobe R&D Center)

Start of operation: May 2020

(Construction started in June 2019)

Building area: 1,580m²

Gross floor area: 4,557m² (Three story building)



Rooftop green space using only native species



Technology development building



Introduction to ESPEC's All Weather Simulation Chamber (in the Kobe R&D Center)

(Mar. 2021)

Opened the world's first All Weather Simulation Chamber Encouraging open innovation and strengthening environmental creation technology

Replicates dynamic climate environments with high-precision control and variation of seven environmental factors (temperature, humidity, snow, fog, rain, sunlight and wind)

All Weather Simulation Chamber

Examples of tests in dynamic environments





(1)Tests to replicate the change from sleet to snow

Snow with different amounts of water content can be replicated, including snowfall at temperatures around 0°C, which is close to snowfall in a natural environment. By controlling the snow quality and temperature, the laboratory replicates the change from sleet to snow. The laboratory can confirm the performance of automated driving sensors for which snow accretion has become a problem.

(2)Experiment to replicate the change from rain to fog

The laboratory controls the thickness, temperature and humidity of fog and replicates the change from rain to fog. The laboratory can confirm the performance of automated driving sensors in response to the effects of fog.



Test chamber: Width 6 m x Depth 9 m x Height 3 m A black coating is applied to suppress the diffuse reflection of light.



About ESPEC's Sustainability

Guided by our corporate philosophy, "THE ESPEC MIND," ESPEC will help to solve social and environmental issues through businesses centered on environmental creation technology, with the aim of achieving sustainable growth.

Our important values that have been passed on since our inception "THE ESPEC MIND" (Excerpt)



ESPEC's Contribution to the SDGs

ESPEC will contribute to the realization of a sustainable society by supplying products and services centered on environmental creation technology in a wide range of fields, including advanced technologies.

ESPEC

The Value ESPEC Provides

- Supply products and services centered on environmental creation technology
- Provide environmental preservation services
- Provide plant factories to address global warming and extreme weather

Strengths

- •Business domains essential to the development of society
- •Global leading brand and high-quality products and services based on a unique technologies
- •Global production and sales networks

Customer products and technologies





- •Automobiles
- (EVs and automated driving)
- •Electronic components(semiconductors)
- •IoT •Batteries
- •AI
 - Pharmaceuticals
- •Food
- •Materials
- •Environmental •Agriculture etc. preservation

Society

Realize a sustainable society



•Realize a safe and secure society through the development of automated driving and preventive safety technologies for automobiles

•Contribute to the solution of environmental and energy problems through the development of energy-saving technologies and EV technologies

- •Alleviate personnel shortages and improve productivity through the development of IoT-related technologies
- Preserve biodiversity through the environmental preservation business, including reforestation (tree planting) and waterfront biotope restoration
- Support research on the creation of new plant species to cope with extreme weather and provide a stable supply of food through plant factories. etc.



ESPEC's Businesses and the SDGs

Equipment Business



Contribute to the development of advanced technologies

through the supply of products and services leveraging environmental creation technology

• Supply products and services that contribute to the development of advanced technologies

to solve social and environmental issues

Environmental Test Chamber

Supply environmental test chambers that artificially replicate environmental factors such as temperature and humidity, thereby ensuring the reliability of products

Energy Device Equipment

Supply evaluation systems for secondary batteries and fuel cells installed in eco cars

Semiconductor Equipment

Supply products such as burn-in chambers and systems for semiconductor inspection and measurement and evaluation systems

Pharmaceutical Equipment

Supply products such as freezers for COVID-19 vaccines and stability test chambers used for quality control of items such as pharmaceuticals and food



Temperature & Humidity Chamber "Platinous J series"



Drive-In Chamber for Vehicle Testing



Burn-In chamber for semiconductor inspection



Advanced Battery Tester for secondary batteries

ESPEC's Business and the SDGs

Service Business



Contribute to the development of advanced technologies

through the supply of products and services leveraging environmental creation technology

•Supply products and services that contribute to the development of advanced technologies to solve social and environmental issues

After-sales Service and Engineering

Conduct product maintenance and preventive maintenance so that customers can use systems with peace of mind.

Laboratory Testing Services

Provide laboratory testing services based on technologies and testing expertise developed through environmental tests.



Technical support using IT



Capable of performing various safety tests for secondary batteries compliant with United Nations regulations and other standards Battery Safety Testing Center

ESPEC's Business and the SDGs

Environmental Preservation Business



Contribute to biodiversity preservation

A business to restore natural environments through projects such as reforestation (tree planting) with local native plant species and waterfront biotope restoration to rehabilitate natural river ecosystems Contribute to the prevention of global warming and biodiversity preservation



A forest restored along the approach to Rinno-ji Temple in Sendai



Waterfront biotope restoration on the Sumida River Terrace in Tokyo





Contribute to a stable food supply to address global warming and extreme weather

Supply plant factories that artificially replicate plant growing environments and enable vegetables to be grown systematically even under extreme weather conditions

Contribute to a stable food supply by supplying systems that can be used in research into drought-tolerant plants



Plant factory using deep sea water Produce and sell vegetables high in minerals



Experimental System for Analyzing Responses of Dryland Plants to Climate Change (Arid Land Research Center, Tottori University)

Contribute to SDGs in the Supply Chain

Procurement Development and design Production and logistics • Develop and design environmentally • Reduction of CO₂ emissions • Conduct supplier evaluations, • Appropriate management of chemical friendly products with features such including factors such as the as energy efficiency, low GWP, substances and emissions mitigation environment and compliance reduced emissions of chemical • Reduction of water intake amount and • Address unforeseen conditions through appropriate management of wastewater substances, and reduced business continuity management • Curtail increases in effluents environmental impact during disposal • Effluent reduction and recycling at the time of procurement • Environmentally friendly logistics 3 GOOD HEALTH AND WELL-BEING 6 CLEAN WATER AND SANITATION . • Disposal Sale of products and services • Supply products and services that contribute to the development of advanced technologies to solve social and environmental issues Product collection • Supply environmentally friendly products and services Chlorofluorocarbon gas collection • Promote the environmental preservation business such as reforestation • Recycling and resale (tree planting) and waterfront biotope restoration • Promote the plant production systems business 6 CLEAN WATER AND SANITATIO 3 GOOD HEALTH 3 AND YIELL-BEING

ESPEC CORP.

Foundation supporting the supply chain

- Improve customer satisfaction and ensure product quality and safety
- Respect for human rights
 Promote the success of diverse human resources

(O)

- Provide appropriate information disclosure and communication
- Fair management with transparency



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Initiatives for Environment

Promote environmental management

Currently, we are implementing the 7th Mid-Term Plan on the Environment (planned implementation period: FY2018-FY2021).

- Measures to address climate change The Mid-Term Plan on the Environment was revised in FY2021, and the target for reducing CO₂ emissions was raised further. FY2021 target: CO₂ emissions at domestic business sites (Scope 1+2) reduced by 80% (versus FY2018).
- Assess and evaluate greenhouse gas (GHG) emissions from Company business activities (Scope 1+2) and indirect emissions from business activities (Scope 3).
- May 2020: In response to the Science Based Targets (SBT) initiative, an international organization, we committed to setting science based greenhouse gas emissions targets within the next 2 years, in order to contain global warming to 2°C or less.
- Voluntarily responded to CDP Climate Change Questionnaire for the first time in 2020, and received a "B" score for the second year in a row.
- Promote the conversion to electricity derived from renewable energy January 2020: Kariya Test Center; January 2021: five Kansai business sites (Head Office, Fukuchiyama Plant, Kobe R&D Center and other sites); April 2021: Utsunomiya Technocomplex, Toyota Test Center The ESPEC Group's renewable energy usage rate is 70%. We expect to reduce annual CO₂ emissions by 48% on a consolidated basis and by 75% in Japan (versus FY2019).

Initiatives for Environment

- (2) Supply products and services that contribute to a sustainable society Develop and supply environmentally friendly products (such as energy efficient products and low GWP products)
- (3) Resource circulation

Implement measures such as reducing effluents

(4) Chemical substance management

Curtail emissions of hazardous substances, address RoHS regulations

- (5) Preserve biodiversity and develop environmental human resources
 - Preserve biodiversity through the environmental preservation business

·Model forest (Kewara Forest Creation Program) activities

March 2018: Designated as an affiliated business of the Japan Committee

- for United Nations Decade on Biodiversity
- •Raising environmental awareness through activities such as ESPEC Midori-no-gakko schools (ESPEC Green School) and encouraging people to take the eco test
- •ESPEC Foundation for Earth Environment Research and Technologies

Biodiversity Preservation Initiatives

Kobe R&D Center, a hub for biodiversity preservation activities Developed rooftop green space using only plant species native to the northern Rokko region

The site has a forest of approximately 30,000 trees comprising native plant species, planted and grown by employees; rooftop green space using plant species native to the northern Rokko region on the roof of the technology development building; and a biotope made up of two ponds and a stream. ESPEC MIC CORP., which manages the environmental preservation business, conducted the tree planting and construction.





Kobe R&D Center received the FY2021 Chairperson's Award of the Japan Greenery Research and Development Center under the National Award for Factory Greening.

Contributing to COVID-19 Vaccination

Contributing to the cold chain of COVID-19 vaccines Free lending of freezers for transport and storage/Enhance products and services

•Free lending to local governments and others of 40 devices such as Freezers improving on existing devices for vaccine storage, and Freezers for Temperature Controlled Transport optimal for the small-lot transport and storage of vaccines.

In December, resumed free rental of freezers for vaccine storage in anticipation of third round of vaccinations.

•In June, launched Ultra-Low-Temperature Freezers capable of small-lot storage at -75°C Expanded services such as equipment rentals and temperature logger calibration





Freezer for Temperature Controlled Transport Supports transport and storage of temperature range from 2 °C to 8°C and -20°C T Vibration resistant, energy efficient and portable



Ultra-Low-Temperature Freezers Two types of freezers, floor and table, and capable of storage to -75°C



Promotion of Diversity

Initiatives to promote women's success



From the Ministry of Health, Labor and Welfare: The Company received the "Kurumin" certification, which is granted to companies that support child-rearing. And the highest ranking of the certification mark "Eruboshi" based on the Act on Promotion of Women's Participation and Advancement in the Workplace.



The female leadership development program

Opened ESPEC Smile Farm, a plantation staffed by workers with disabilities

- In November 2021, ESPEC, as part of efforts to promote diversity, opened a plantation staffed by workers with disabilities by utilizing S-Pool Plus, Inc.'s employment support business for people with disabilities.
- 4 individuals were hired to work at ESPEC Smile Farm, specifically 3 staff members with disabilities and 1 farm foreman.



An entrance ceremony was held at ESPEC Smile Farm.

Employee Education/Donation System

Employee Education System Enhancement

- Implement training sessions to share the corporate philosophy
- Implement a Global Trainee Program aimed at developing human resources who are capable of working in international settings
- Enhance the education program to support management executive education and self-development



- •Established a matching gift system in which the company matches donations made by employees as part of activities to promote SDGs (Jan. 2021)
- •Donated to an organization that conducts CSR activities related to children and medical care



On-site training in the Global Trainee Program (U.S.)



Logo

Contributions to Society

ESPEC Foundation for Earth Environment Research and Technologies

- Provides funding support every year for research, technology development on global environmental conservation
- Grants totaling ¥138.4 million have been provided to a total of 273 groups over the past 25 years since the Foundation was established.



Award Ceremony

Tree Planting Ceremony at "Millenium Hope Hills" in Iwanuma, Miyagi Prefecture

- A disaster recovery project started in 2013
- The project has cumulatively planted about 350,000 trees that will form a forested coastal tide embankment across a roughly 10km stretch of coastline in the city of Iwanuma.
- Group company ESPEC MIC CORP. supported the project.
- The final tree planting ceremony (first part) was held in June 2021.



Tree Planting Ceremony

Non-Financial Data (Environmental Aspects)

Contribution to CO₂ emissions mitigation through the sale of energy efficient products



Certification acquisition rate for the Certification Test for Environmental Specialists (Eco Test)



Total amount of effluents



Grants from the ESPEC Foundation for Earth Environment Research and Technologies



Number of participants in ESPEC Midori-no-gakko schools (ESPEC Green School) Number of seedlings provided for green curtains



Number of trees planted through environmental preservation business



* Actual results for ESPEC MIC CORP.

Non-Financial Data (Social Aspects)

FY 2020 Results



External Recognition

December, 2021

- •A score of B for the second consecutive year in the CDP Climate Change 2021 Questionnaire
- •Selected as a "GRADE AAA" company website (overall ranking) in the All Japanese Listed Companies' Website Ranking 2021 by Nikko Investor Relations Co., Ltd.
- •Awarded a Bronze Prize in the Gomez IR Website Ranking 2021 by BroadBand Security, Inc. (ranked 27th according to industry)

November, 2021

- •Rated 3 stars in Nikkei's 5th Smart Work Management Survey
- •Rated 3.5 stars in the Nikkei's 3rd SDGs Management Survey

October, 2021

•Ranked 169th in the Nikkan Kogyo Shimbun's Corporate Power Ranking (sponsored by the Ministry of Economy, Trade and Industry)

March-June, 2021

- •Ranked 429th in Toyo Keizai Inc.'s 2021 SDGs Corporate Ranking
- •Ranked 357th in Toyo Keizai Inc.'s 2021 CSR Corporate Ranking

February, 2021

•Our Sustainability Report received the Excellence Award in the Environmental Communication Awards

(Organized by the Ministry of the Environment and the general incorporated foundation Global Environment Forum) June, 2020

•Consecutively selected Ministry of Economy, Trade and Industry (METI) Global Niche Top Companies Selection 100.









Quality is more than a word



