

Connect and Discover: The Power of Small and Medium Enterprises!

## **New Japanese Products ×** Innovative Technologies × **Pioneering Minds**







in Future Monodzukuri International EXPO 2024

2024 11.13 WED - 15 FRI

10:00 - 17:00 until 16:00 on the last day

**INTEX OSAKA Hall3** 

HOST: SME Support, JAPAN (Organization for Small & Medium Enterprises and Regional Innovation, JAPAN)

New Value Creation Exhibition 2024





Detail https://manufacturing-one.smrj.go.jp/



# New Value Creation Exhibition

OSAKA

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- INTEX OSAKA Hall3 -

HOST: SME Support, JAPAN

#### Introduction to the Organization for Small & Medium Enterprises and Regional Innovation

SME Support Japan is the core implementing agency of the government's small and medium-sized enterprise policy. We offer a wide range of support designed to aid company growth, assisting from the start-up and foundation stages of building a business until the venture is fully established. We aid the growth of small and medium-sized enterprises in cooperation with local governments, support organizations, and other government agencies both in Japan and overseas.

#### Address:

Toranomon 37 Mori Building, 3-5-1 Toranomon, Minato-ku, Tokyo 105-8453

#### URL

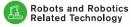
https://www.smrj.go.jp Corporation number: 2010405004147

#### INDEX

ist of Exhibitors (alphabetical order)	Р3
MAP and Expo Corner Information	Р4
Exhibitors Introduction	Р6

## List of Exhibitors (alphabetical order)









Water, Fine Bubble, and Environmental Technologies





Company name	Category	Booth Number	Page	Company name	Category	Booth Number	Page
A.R.I. LLC	<b>®</b>	3-108	P6	Murakami Co., Ltd.	<b>③</b>	3-168	P16
AITEC CO.,Ltd		3-167	P16	MUROZUMI-SEKKEI CO.,Ltd		3-170	P23
ART SCREW Co., Ltd.	<b>(2)</b>	3-125	P10	MUTSUMI INDUSTRY CO.,Ltd	<u>a</u>	3-110	P19
Asahimolding Co.,Ltd		3-158	P15	NAGAMINE MANUFACTURING CO.,Ltd	<b>(3)</b>	3-128	P10
ATELIER-K Co.,Ltd	$\Diamond$	3-192	P25	NAKAZATO SPRING Co.,Ltd	<b>③</b>	3-116	P8
Asahi Onkyo Co., Ltd.		3-121	P11	NISHIGAKI SOCKS CO.,Ltd	$\Diamond$	3-193	P25
Caz International Corporation	<b>②</b>	3-178	P17	NISHIKENDEVISE Co.,Ltd	<b>③</b>	3-103	P7
COMVIC Corporation		3-105	P6	OGUSU INDUSTRY CO.,Ltd	<b>888</b>	3-162	P22
DAIWA KAKOU CO.,Ltd	<b>②</b>	3-155	P16	OHTSUKA CERAMICS Inc.	<b>③</b>	3-114	P9
DigitalMirai Co., Ltd.		3-194	P21	Oisaka Electronic Equipment Ltd	<b>6</b>	3-180	P24
DENTO Japan Ind Co.,Ltd	<b>③</b>	3-176	P18	OTSUKASEIKO Co.,Ltd	<b>③</b>	3-118	P8
ECOVENT CO.,Ltd		3-106	P6	PLABOTEC Co.		3-135	P12
EL-OKAMOTO CO.,Ltd	<b>(2)</b>	3-122	P11	SAIJO INX CO.,Ltd	<b>(3)</b>	3-115	P8
ERG Co., Ltd.		3-156	P15	SAKIGAKE-Semiconductor Co.,Ltd		3-166	P17
FEC Corp	<b>(2)</b>	3-113	P9	SalesOne, Inc.		3-185	P20
Fermelanta Inc.		3-131	P13	Sanko-Giken Co., Ltd.		3-144	P15
FUJIKIKOSAN Co.,Ltd	<b>@</b>	3-157	P15	Sensyo Co., Ltd.	<b>③</b>	3-174	P18
GENZEN CO.,Ltd		3-165	P17	Shibase Industry Co., Ltd.		3-112	P9
Gunma Seiko Co., Ltd.	<b>③</b>	3-123	P11	Shikoh Tech Co., Ltd.		3-163	P22
H&C TECHNICALLABORATORY Co.,L	td 🏉	3-175	P18	SHINWA IRON WORKS CO.,Ltd		3-134	P13
HACHIX Corp	<b>B</b>	3-196	P21	SiB Co., Ltd.	<b>(B)</b>	3-188	P19
HASHIBA INTERNATIONAL Inc.		3-145	P14	SION SYSTEM CO.,Ltd		3-100	P19
HIRAI INDUSTRY Corp	<b>②</b>	3-136	P12	Snowlion Inc.		3-186	P20
HIROTEC Corp		3-154	P16	Sonas, Inc.	<b>6</b>	3-190	P24
lijima Machinery Co., Ltd.	<b>③</b>	3-184	P19	SOUYA CO.,Ltd		3-198	P20
International Technology Transfer Corporation Co.,L	td 😟	3-197	P21	STC Co.,Ltd		3-164	P17
Justec Co.		3-161	P22	Sun-add Co., Ltd.	<b>③</b>	3-117	P8
Kashima Bearings Inc.		3-111	P9	Shinbiosis Corporation	888	3-160	P22
KAWABE SHOKAI CO.,Ltd	$\Diamond$	3-183	P24	TADAPLA CO.,Ltd	<b>③</b>	3-127	P10
KAWANAMI IRONWORKS Inc.		3-138	P12	TAKAMATSU TEISAN CO.,Ltd		3-177	P18
KIGUCHI TECHNICS Inc.	<b>@</b>	3-101	P7	TAKAYAMAKASEI Co.,Ltd	$\Diamond$	3-181	P25
Kitahama Chemistry Co.,Ltd		3-171	P23	TDI ELECTRONICS CO.,Ltd		3-102	P7
Kochi Kigata Kogyou Co.,Ltd		3-133	P13	Tierra Co., Ltd.		3-172	P23
KYOKUTO CO.,Ltd	$\Diamond$	3-191	P25	Tokyo Tan-Ichi Co., Ltd.		3-148	P14
Logica Education Co., Ltd.		3-195	P21	TOYO YOZAI CO.,Ltd	<b>3</b>	3-126	P10
Matsui Shikiso Chemical Co., Ltd	. 🛇	3-182	P24	TSUGAWA CO.,Ltd		3-187	P20
MICRO VEHICLE LAB., Ltd.	<b>@</b>	3-132	P13	VISTA Corporation	<b>3</b>	3-107	P6
MISUZU CO.,Ltd		3-124	P11	Y Drive Co., Ltd.	<b>③</b>	3-104	P7
MITSUBOSHI DIAMOND INDUSTRIAL CO.,I	_td 🚱	3-147	P14	y-mold Co., Ltd.	<b>③</b>	3-137	P12
Miyasaka Industries Co., Ltd.	<b>333</b>	3-173	P23	Yamagishi Seisakusho Co.,Ltd		3-146	P14

## **Special Exhibit**

# **Future Journey**

Challenging new frontiers towards 20XX!

- Exquisite manufacturing techniques unique to expert craftspeople
- Passing down tradition and embracing innovation to adapt to modern times
- Cutting-edge digital technology
- Utilization of Japan's beautiful nature and seasons
- Inclusive ideas that leave nobody behind

These are the values that will mesh together to solve social issues, propelled by SMEs rising to the challenge of sculpting the society of tomorrow while expanding business opportunities.

## Sharing the appeal of SMEs with the world! SMEs set to exhibit at the 2025 Osaka/Kansai Expo!

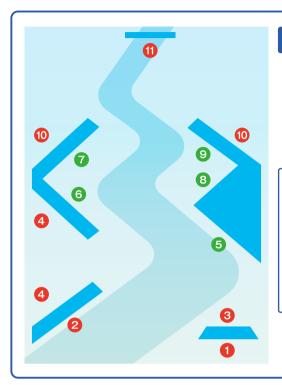
SMEs will be exhibiting at EXPO Messe (WASSE) at the Osaka/Kansai Expo venue for 5 days from October 3rd (Friday) to October 7th (Tuesday), 2025! During the exhibition period, future-focused products, services, technologies, etc. will be on display. Learn more about SMEs through hands-on exhibits that communicate SMEs appeal not only to Japan, but to the world!





At the venue, small and medium enterprises will showcase their strengths as they tackle social issues and pave the vey for the future. Their efforts will be represented as "challengers setting sail into the vast, unknown sea, overcoming hardships." Through this exhibition, visitors will encounter the technologies and cleas of SMEs, and the world will discover the unique value and appeal of these enterprises in realizing a future society.

## "Expo Zone"



#### **Expo Zone Exhibits**

- 1 Prologue Video (1970 Osaka Expo)
- 2 History of 1970 to 2025
- Expo Zone Map
- 4 Photo Corner

Expo2025 Exhibition Image

- **5** 2025 Expo Exhibition Project Overview (Exhibition Theme)
- 6 Inclusive Ideas (Corporate Exhibition)
- Cutting-edge Digital Technology (Corporate Exhibition)
- 8 Exquisite Manufacturing Technology (Corporate Exhibition)
- 9 Summary of Exhibition Themes (Future Social Challenges)
- 10 Introduction to Expo-Related Support Measures
- 11 2025 Expo Concept Movie



A special exhibition by the Organization for Small & Medium Enterprises and Regional Innovation will take place in the Expo Zone at the 2025 Osaka/Kansai Expo, as well as special exhibitions that are planned in cooperation with companies that offer future-focused products, services, and technologies. The exhibition depicts the trajectory from the 1970 Osaka Expo to the 2025 Osaka/Kansai Expo and explains the value and challenges of SMEs for the future society beyond.



Concept Movie

#### **Exhibition Partner Companies**

#### Inclusive Ideas



Now exhibiting at Booth Number 3-160 https://sym-biosis.co.jp/

Creating a world that inspires happiness



https://www.mirairo.co.jp/

Designing a world where anyone can paint with their own colors and walk their own path

#### Cutting-Edge Technology

## **KUMONOS**

https://kumonos.co.jp/

Taking the 3D digital world by storm



Now exhibiting at Booth Number 3-186 https://www.snowlion.co.jp/

Protecting people from disasters around the world and supporting human safety

#### **Exquisite Manufacturing Technologies**



https://www.jinki.jp/

Reducing physical hardships all over the world



Touch worlds beyond your reach.

https://www.riverfieldinc.com/

Bringing advanced surgeries to any location, including remote islands and depopulated areas



Basic Manufacturing Technology

Booth Number: 3-108

Vibration loss in rotating parts solved with automatic balancer "Zero Core"! Complies with 2050 climate regulations!

#### A.R.I. LLC

Address: 4-4-31, Sonenji, Hirakata-shi, Osaka Prefecture, 573-0112

Tel: 072-807-3482

URL: https://www.ari-zs.com/

4 types of ZS type automatic balancer, energy-saving measuring instrument,

- 5 types of workpieces, magnifying glass
- 1. Design, manufacture, and sales of various balancers.
- 2. Businesses related to the design, manufacture, repair, improvement, and modification of rotating parts, in addition to consulting for problem solving (various machine tools, industrial machines, ships, aircraft, rolling stock, vehicles, automobiles, hydroelectric power generation, wind-power generation, and generators)

PR

We have proposed our patented automatic balancer Zero-shin to the world to prevent vibration loss in rotating parts. By installing it on various rotating parts, we have achieved a 20%–30% increase in energy-saving rate. We have also achieved a 50% or more increase in the life span of rotating consumable parts. This has contributed to the establishment of unmanned factories in line with global-warming regulations.

Target

The target users are those who want to establish unmanned factories for precision metal processing, and those with rotating parts in various industries who want to save resources and increase energy savings.



02

**Basic Manufacturing Technology** 

Booth Number: 3-107

Valuable vacuum technology: leak testing with argon and air! Visualize the condition of vacuum equipment!

#### VISTA Corporation

Address: 6-9-2, Kamiyoshida, Fujiyoshida, Yamanashi Prefecture, 403-0005 Tel: 0555-23-0501

URL: https://www.vista-vac.com

#### Vacuum process gas monitor / leak tester using plasma light spectroscopy

Development, manufacturing, sales, import/export of vacuum equipment, import/export of evaporation equipment, related services, vacuum commissioning and contract testing, vacuum technology consulting, etc.

PR

As a specialized manufacturer of vacuum technology, we provide solutions from both hard (development, manufacturing, sales) and soft (consulting, contract design and development) perspectives, drawing on the professional insights of our staff who have many years of experience in vacuum-equipment development.

Target

Companies interested in improving manufacturing quality due to vacuum quality in production using vacuum processes; companies seeking new technologies for leak testing of automotive parts, heat exchangers, tanks, pumps, etc.



ECOVENT 「ECO-WIND-Series | 右から BASIC・mini・nano サイズ

03

Basic Manufacturing Technology

Booth Number: 3-106

Innovative molding and dies: gas vent with exhaust cross-sectional area 100 times larger than conventional methods

#### **ECOVENT CO...Ltd**

Address: 4-38-1, Mamanoue, Nagai-shi, Yamagata Prefecture, 993-0001 Tel: 0238-87-0188

URL: http://ecovent.jp/

#### ECOVENT system (in-mold gas exhaust system)

Development, design, manufacture, and sale of gas-venting equipment for injection molding dyes



Our unique and patented gas-venting technology efficiently expels gas inside the mold.

We are the leading company for valve type mold gas venting.

Target

Users and companies who are having trouble with gas when injection molding engineering plastic resins



04

Basic Manufacturing Technology

Booth Number: 3-105

Are you still using a welding gauge?
Measure with noncontact LC-GEAR!

#### **COMVIC Corporation**

Address: 2-1-21, Chuo, Otsu-shi, Shiga Prefecture, 520-0043 Tel: 077-510-2244

URL: http://www.comvic.co.jp/

#### Just apply laser light! Non-contact cross-sectional measurements of weld beads

We provide consulting, design, development, and production of industrial equipment with 3D measurement technology at its core. We offer just the right functionality and price in response to those in the workplace who think, "Something like this would be useful!"

PR

With 3D measurement technology as our core technology, we develop and produce measuring instruments and software for 3D measurement of various objects. We can fulfill a wide range of customer requests.

Target

Construction-machinery manufacturing, shipbuilding-related ventures, steel frame FUB, bridge manufacturers, nondestructive testing companies, welding vocational training schools, and other welding-related businesses



Basic Manufacturing Technology

Booth Number: 3-104

Development and sale of industrial ink-jet printers (mainly perovskite solar cell and lithium battery)

#### Y Drive Co., Ltd.

Address: 1-14-16, Minamino, Shijonawate-shi, Osaka Prefecture, 575-0021

Tel:072-812-2061

URL: https://www.y-drive.biz

#### Inkjet head control boards and ink flight observation devices for inkjet companies

Development and sales of industrial inkjet printing and coating machines. Perovskite solar-cell manufacturing, lithium battery components, various frine metal catalyst ink coating, high temperature softening ink such as bot melt, and food-printing machines using edible ink.

PR

Development of inkjet methods in line with the SDGs and carbon neutrality (printing of perovskite solar cells, edible inks, lithium battery components, and metal catalyst microparticle inks) and the development of functional ink application and printing machines.

Target

Companies looking for special and functional ink application technology using inkjet



06

Basic Manufacturing Technology

Booth Number: 3-103

Secure-grip freezing chucks essential for machining, including precision and special shapes

#### NISHIKENDEVISE Co...Ltd

Address: 1-10-6, Juso Moto-Imazato, Yodogawa-ku, Osaka-shi, Osaka Prefecture, 532-0028

Tel: 06-6885-8241

URL: https://nishikendevise.com/

### An unrivaled freezing and fixing device with quick freezing technology using original heat-transfer material

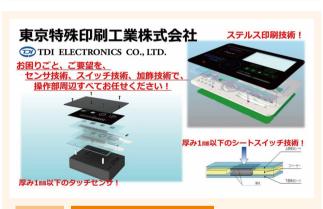
Since our establishment, we have expanded our business as a venture company, focusing on the development of new products. Our products consist mainly of heat-related equipment but also include products that take advantage of the unique properties of microbubbles to create energy, improve the water environment, and cultivate aquaculture, as well as special dryers that eliminate food loss.

PR

Even today, we continue to pursue research and development while maintaining the spirit of a venture company. We are also expanding our business in water environment improvement and aquaculture related technologies, mainly through our self-developed composite ceramics, as well as in refrigeration fixation equipment utilizing heat-exchange technology.

Target

The determining factor is the speed at which the temperature of the workpiece fixing surface is lowered and the fixing strength. The size is decided based on the customer's desired specifications. This type of equipment is rare on the market, so PR is crucial from now on.



07

Basic Manufacturing Technology

Booth Number: 3-102

[Thin switches, electrostatic and pressure sensors]
Solving problems with product miniaturization and multifunctionality

#### TDI ELECTRONICS CO.,Ltd

Address: 5-71, Yoshino-cho, Suita-shi, Osaka Prefecture, 564-0054 Tel: 06-4861-7130

URL: https://www.tdicorp.co.jp/

Film sensors, pressure-sensitive sensors,

membrane switches, decorative molded products

We develop and manufacture a wide range of products from functional parts to design parts by integrating printing technology and related processing technology. Specifically, we utilize functional technologies, such as sensors and switches, and design technologies, such as panels and decorative molding, and we have a proven track record in a wide range of industries, including industrial equipment, medical equipment, transportation equipment, and consumer products.



Do you have a problem with film sensors, thin switches, or decorative molded products? We manufacture a wide range of products from functional parts to design parts by combining printing and related processing technologies. We can make new proposals that combine functionality and design.

Target

Companies seeking cost reduction, texture improvement, robustness, lightness and compactness, labor-saving measures, environmental friendliness, or new added value



80

Basic Manufacturing Technology

Booth Number: 3-101

A third-party testing laboratory that evaluates materials for safety and security in manufacturing

#### KIGUCHI TECHNICS Inc.

Address: 114-15, Enoshima-cho, Yasugi-shi, Shimane Prefecture, 692-0057 Tel: 0854-22-2619

URL: https://kiguchitech.co.jp

#### Liquid-hydrogen wear-testing machine

From specimen preparation to specimen processing and testing

PR

We are a contract testing company accredited by JISQ9100, ISO17025, Nadcap, and the world's leading aero engine manufacturers. We provide a full range of services from specimen cutting to specimen processing and testing.

Target

Companies involved in the development of hydrogen infrastructure, hydrogen power generation, etc.



Basic Manufacturing Technology

Booth Number: 3-118

Micro, complex shapes, adhesive, ultraprecision "Multi-Manufacturing" High-performance product development & production

#### OTSUKASEIKO Co..Ltd

Address: 3-4-6, Befu Higashi, Shime-cho, Kasuya-gun, Fukuoka Prefecture, 811-2231 Tel: 092-931-2511

URL: http://www.otsuka-pr.co.jp

#### Special Adhesion clear nozzle

Various metal and ceramics processing

PR

Since our establishment, we have received high acclaim for the micron-level quality of our HDD manufacturing jigs. In the 1990s, we became a two-pillar precision machining business for ceramics and metals. With a wealth of accumulated technologies and high-end processing machines, we are able to handle all kinds of difficult processing jobs.

Target

Advanced semiconductor (electronic components), medical, telecommunications, optics, and automotive companies looking for high processing technology in the areas of development, design, and technology.



10

Basic Manufacturing Technology

Booth Number: 3-117

What can you make using nonwoven fabric? Contact us to find out!

#### Sun-add Co., Ltd.

Address: 589-10, Juhachijo, Mizuho-shi, Gifu Prefecture, 501-0314

Tel: 058-328-5155

URL: https://www.sun-add.com/

#### Composite material consisting of extruded sheets of

recycled PP resin laminated with nonwoven fabric

We specialize in the manufacture and sale of needlepunched nonwoven fabrics. We also own secondary processing facilities for integrated production and can handle a wide variety of products in small lots.

PR

Our main focus was on the manufacturing and sale of NP nonwoven fabric for automobiles, but gradually the gap in competitiveness between our company and other companies became apparent. To differentiate ourselves from competitors, we acquired secondary processing equipment to use after the production of NP nonwoven fabric, enabling a consistent manufacturing process up to the final product.

Target

Companies seeking base materials for thermoforming press work



11

Basic Manufacturing Technology

Booth Number: 3-116

Takasaki City, Gunma Prefecture: the bounciest spring factory in Japan! 15,000 types of instant delivery Nasspack series

#### NAKAZATO SPRING Co.,Ltd

Address: 315 Kaminakai-machi, Takasaki-shi, Gunma Prefecture, 370-0851 Tel: 027-323-2814

URL: http://www.nasspack.co.jp/

#### NoCO2 420 (NOCOCO) is a coil spring that does not use electricity.

Japanese spring manufacturer

Made-in-Japan ready-to-ship standard springs (Naspack series) 15,000 varieties

Nonelectric springs [NoCo2 (NOCOCO)] 420 varieties

PR

•Nakazato Springs is a small-spring factory headquartered in Gunma Prefecture. Our goal is to be "Japan's liveliest small-spring factory for the next 100 years."

•We can supply SUS304WPB, Inconel, PEEK, titanium, piano wire, pure gold, etc.

Target

Individuals and corporations engaged in the design and development of metal parts and mechanical equipment



12

Basic Manufacturing Technology

Booth Number: 3-115

Flexible heat transfer fins Improve productivity and save energy with heat management for curved surfaces and piping!

#### SAIJO INX CO.,Ltd

Address: 5 Saiin-Nishikotobuki-cho, Ukyo-ku, Kyoto Prefecture, 615-0034 Tel: 075-312-8775

URL: https://standardfin.saijoinx.com/

#### Flexible heat-transfer fin that can be wrapped around pipes

Our services include precision prototype presses for thin sheet metal processing, precision resin molding, and mass production presses. We contribute to manufacturing at the development stage for major manufacturers both in Japan and abroad. In addition, several years ago, we launched our own brand of thermal components.

PR

We develop, manufacture, and sell flexible heat-transfer fins. These heat sinks can be retrofitted onto a curved surface, such as that of pipes, tubing, motors, and pumps, enhancing heat dissipation and improving heat-exchange efficiency. We solve on-site thermal issues, achieving energy savings and increased productivity.

Target

Companies that want to save energy by solving thermal problems in existing facilities, Companies that want to improve productivity by enhancing heat-exchange performance



**Basic Manufacturing Technology** 

Booth Number: 3-114

For problems with heat, insulation, or wear!

#### OHTSUKA CERAMICS Inc.

Address: 482-1, Hanya, Shimotsuma-shi, Ibaraki Prefecture, 304-0005 Tel: 0296-44-3165

URL: https://www.ohtsuka-ceramics.co.jp/

#### Cordierite ceramic products with low thermal expansion and

excellent thermal shock resistance

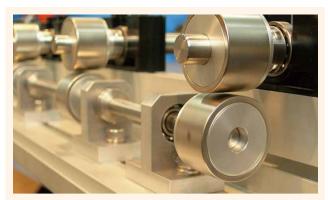
We manufacture fine ceramic parts, which are industrial parts that are different from conventional ceramics. Currently, fine ceramic parts are used in a variety of fields, including semiconductors, automobiles, information and communications, industrial machinery, and medicine.

PR

We perform a series of processes from raw-material blending, molding, firing, processing, and inspecting to the completion of the product in-house. This minimizes time loss and enables us to deliver products quickly.

Target

Companies wishing to purchase low-cost materials with low thermal expansion and thermal shock resistance



14

Basic Manufacturing Technology

Booth Number: 3-113

#### Toothless Gear MagTran

#### FEC Corp

Address: 229-3, Kashiwabara, Sayama-shi, Saitama Prefecture, 350-1335 Tel: 04-2954-6371

URL: https://www.magtran.com

#### Non-contact drive transmission mechanism Gearless Gear Magtran

① Development, design, manufacturing, and sales of non-contact drive transmission mechanism Gearless Gear Magtran ② Development, design, manufacture, and sales of magnetic non-contact drive transmission units ③ Design and manufacture of parts and units related to semiconductors, FPDs, solar cells, and electronic components 4 Design and manufacture of clean-transfer mechanisms in high vacuum and ultra-high vacuum, and confidential transfer stages

PR

With our clean technology based on non-contact drive transmission, we strive to be a company trusted by society and customers by providing needed products.

Target

Manufacturer of manufacturing equipment used in clean environments for semiconductors, pharmaceuticals, food, etc.



Basic Manufacturing Technology

Booth Number: 3-112

Thin-walled PP pipes (straws) for industrial and medical use ☆ Free molds ☆ Prototypes available even for a single piece

#### Shibase Industry Co., Ltd.

Address: 3037 Rokujoinnaka, Kamogata-cho, Asakuchi-shi, Okayama Prefecture, 719-0252 Tel: 0865-44-2215

URL: https://www.shibase.co.jp

#### Industrial straws and medical straws

Manufacture and sales of drinking straws, industrial straws, and medical straws

PR

Shibase Industry was founded 90 years ago as a somen noodle company. The second-generation president changed the company's straws from wheat to plastic, inspiring the third-generation president to expand the value of these straws by making them into parts that can be used in manufacturing and the medical sector. The company is now contributing to society with his highly precise technical capa.

Target

Development and design personnel at various manufacturers



16

Basic Manufacturing Technology

Booth Number: 3-111

#### Rust-proof, corrosion-resistant, oil-free plastic bearings

#### Kashima Bearings Inc.

Address: 2-9-21, Himesato, Nishiyodogawa-ku, Osaka Prefecture, 555-0025 Tel: 06-6472-0556

URL: https://kashima-kagaku.com/

#### Plastic and ceramic bearings

1. Manufacturing and sales of various plastic products:
Bearings, pillow blocks, gears, liners, etc. made from thermosetting resins, thermoplastic resins, fluororesins, etc.

Carbon products and structural parts made from CFRP (carbon fiber reinforced polymer)
Composite products combining plastic and metal

2. Manufacturing, processing, and sales of various machine parts

PR

We manufacture and sell grease-free plastic bearings that can be used in special environments, such as water and chemical solutions.

Target

Equipment manufacturers of semiconductors and liquid crystals, food-related companies, medical-related companies



**Basic Manufacturing Technology** 

Booth Number: 3-128

Micro-products: guaranteed integrated production from the molding stage.

#### NAGAMINE MANUFACTURING CO.,Ltd

Address: 1725-26, Kishinoue, Manno-cho, Nakatado-gun, Kagawa Prefecture, 766-0026

Tel: 0877-75-0007

URL: https://nagamine-manu.co.jp/

#### Precision ceramic products (micro-honeycomb)

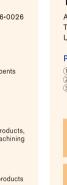
Manufacturing and sales of precision ceramic products, honeycomb catalysts, and adsorbents

PR

By carrying out integrated production from molds to finished products, we can achieve short delivery times and low prices, with no machining required.

Target

Companies seeking components for ceramic and porous metal products





18

**Basic Manufacturing Technology** 

Booth Number: 3-127

Biomass/biodegradable (in soil and seawater) plastic / high-performance cardboard cooler box

#### TADAPLA CO..Ltd

Address: 2-12-8, Tsudo, Fujiidera-shi, Osaka Prefecture, 583-0037

Tel: 072-954-0981

URL: https://www.tadapla.co.jp/

#### Precision/Bioplastic injection molding, urethane molding, micropumps

- 1) Manufacture and sales of synthetic-resin products
- ② Manufacture and sales of polyurethane-foam products ③ Manufacture and sales of micropumps

PR

We provide precision injection molding and bioplastics, offering alternatives to metal that reduce weight, lower costs, and increase design flexibility. Rigid urethane molding is characterized by insulation, weight reduction, and integrated molding. Micropumps are available from design to development.

Target

Companies seeking precision molding (micron order), urethane molding, micropumps, cardboard cold-storage boxes



Basic Manufacturing Technology

Booth Number: 3-126

We solve difficult problems! High quality, short delivery times, and low costs!

#### TOYO YOZAI CO.,Ltd

Address: 23-14, Minami-cho, Itabashi-ku, Tokyo, 173-0027 Tel: 03-3974-1731

URL: http://toyo-yozai.jp

#### Provision of assembly-compatible products

Sales of various low-temperature welding rods and welding-related products, pipe processing, metal cutting



Please bring us drawings that have been rejected elsewhere. Please consult us about the characteristics and selection of wax materials. We will do our best to solve difficult problems.

Target

Refrigeration, air conditioning, and automotive industries



20

Basic Manufacturing Technology

Booth Number: 3-125

"Motiontite" and "Toribo" anti-loosening screws to reduce weight and costs

#### ART SCREW Co., Ltd.

Address: 3-67-1, Ikoma-cho, Kita-ku, Nagoya-shi, Aichi Prefecture, 462-0832 Tel: 052-915-3295

URL: http://www.artscrew.co.jp

#### Anti-loosening screw Motiontite and weight reduction TRIBO

Development and sales of anti-loosening screws, as well as the licensing of intellectual property rights associated with anti-loosening screws.

For the 20 years since the company was established, we have specialized in the development of anti-loosening screws. A separate company is engaged in the thread rolling of bolts for automotive applications, and the company's strength lies in the thread rolling of special products. The latest model of Motiontite, Tribo, will also be on display.

Target

Companies that have problems with bolts loosening, breaking, or seizing, and companies wishing to reduce the weight of their products



Basic Manufacturing Technology

Booth Number: 3-124

[Carbide machining] High-precision parts: precision molds, semiconductors, medical, food, factory automation, etc.

#### MISUZU CO..Ltd

Address: 2669 Togura, Chikuma-shi, Nagano Prefecture, 389-0804

Tel: 026-276-4999

URL: http://www.misuzu-pro.jp/

#### Carbide: Precision parts that do not require polishing (cutter blades, gauges, jigs)

Ultra-precision mold components, high-performance punches and dies, mirror-surface finishing

- · Mold parts (electronic parts, connectors, motor cores)
- Parts for semiconductor manufacturing equipment
- Parts for medical equipment manufacturing
   High-performance machine components for factory automation

PR

For more than 40 years since our establishment, we have excelled in ultra-precision machining based on our mold technology. Our young engineers are taking on the challenge of microfabrication in the fields of mobile terminals, next generation automobiles, semiconductors, medical equipment, robots, etc. in Japan and around the world with our cemented-carbide processing technology.

Target

Companies that use molds, production equipment, automatic machines, etc. for prototyping and mass producing products

Companies that require microfabrication and wear resistance. Semiconductors, medical equipment, robots



23

Basic Manufacturing Technology

Booth Number: 3-122

Electronic device development & design, material procurement, assembly & inspection, packaging, and shipping

#### **EL-OKAMOTO CO.,Ltd**

Address:18-4, Shigetoshi, Sogabe-cho, Kameoka-shi, Kyoto Prefecture, 621-0021 Tel:077-120-9070

URL: https://www.el-okamoto.co.jp

#### IoT is easy

Manufacture of electronic devices and OEM/EMS electronic devices. Contract manufacturing services ranging from design and development of electronic devices to component procurement and delivery services, board design, mounting, assembly, inspection, and packaging.

PR

We provide a high-quality manufacturing environment that meets the needs of our customers. We have realized an efficient and flexible production system by making full use of our many years of experience and the latest technology. As a partner to our customers, we deliver trustworthiness and satisfaction.

Target

Electronics manufacturers, industrial-equipment manufacturers, start-up companies, and companies interested in IoT and digital transformation



22

Basic Manufacturing Technology

Booth Number: 3-123

Ultrahigh precision aluminum alloy cold forging

#### Gunma Seiko Co., Ltd.

Address: 3-31-8, Asakura-machi, Maebashi-shi, Gunma Prefecture, 371-0811

Tel: 027-263-2218

URL: https://www.gunmaseiko.co.jp/

#### Display of CFRTP molding development products

Manufacture and supply of transportation-equipment parts, office-automation equipment parts, leisure-related parts, etc. Using high-precision cold forging technology.

PR

We have been manufacturing parts using cold forging technology for 57 years since our establishment in 1968. We have a mass production system for different materials, such as aluminum alloys, steel materials, and stainless steel.

Target

Companies seeking manufacturing technology for lightweight and high-strength parts, such as suppliers that manufacture drone-related, sports, and accessibility equipment



24

Basic Manufacturing Technology

Booth Number: 3-121

Construction, agriculture, forestry, & machinery manufacturers! Improve efficiency and safety with wireless technology!

#### Asahi Onkyo Co., Ltd.

Address: 43-1, Higashibara, Hikino, Kamiita-cho, Itano-gun, Tokushima Prefecture, 771-1311 Tel: 088-694-2411

URL: https://www.asahionkyo.co.jp/

#### Smart Cableless 50000

Manufacture and sales of radio control equipment

PR

We are a self-contained company that handles everything from development to manufacturing, sales, and repairs. We are proud to be the best company in Japan for order handling from a single unit, wireless device know-how, prompt support for spare parts and repair, and frequency management for safe use.

Target

Machine manufacturers that want to improve workability and work efficiency through wired operation



Basic Manufacturing Technology

Booth Number: 3-138

Solid-state welding: free-path water channel processing + friction stir welding + MC post-processing

#### KAWANAMI IRONWORKS Inc.

Address: 10 Nishiyama-cho, Higashiku-jo, Minami-ku, Kyoto Prefecture, 601-8046

Tel: 075-681-1704

URL: https://kawanami-metal.jp/

#### Examples of Friction Stir Welding (FSW) using a Machining Center

We own five large processing machines and carry out parts processing (metal cutting). In addition, we utilize our processing technology to manufacture and sell Kokuban, a product that uses cutting processing to create 3D images on aluminum panels based on digital images. We researched FSW in the support business and established the technology to perform FSW with MC. We have developed aluminum + copper cooling plates and thin cooling plates with a thickness of less than 6 mm.

PR

In order to develop new businesses, we are working with university research institutes and partner companies on applied development of friction stir welding (FSW), based on the high-precision processing technology we have cultivated through machining. This is expected to be used in a variety of fields in the future.

Target

Companies seeking cooling plates made of different materials (aluminum + copper), thin cooling plates, free-flow channel design and strong sealing



27

**Basic Manufacturing Technology** 

Booth Number: 3-136

Corrosion-resistant HIP alloy coating die for everything from lithium-ion batteries to perovskite solar cells

#### HIRAI INDUSTRY Corp

Address: 2-2-6, Nagasunakadori, Amagasaki-shi, Hyogo Prefecture, 660-0802 Tel:06-6488-4351

URL: http://www.hiraken.com

#### HIP coating die, multilayer die, T-die lip, large surface grinding

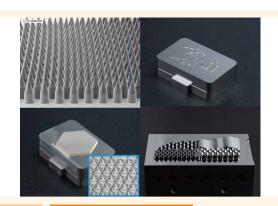
Specialization in grinding, with a large-size surface grinding process capable of grinding large products with a height of 2,000 mm (H) x 2,300 mm (W) x 9,600 mm (L) and a width of 3,000 mm. Large roll grinding to match tapers. HIP alloy molds are patented and shipped domestically and overseas. HIP alloy molds are also being used for resin, coating fluid flow paths, and

PR

Our HIP alloy dies (coated dies, T-dies, multilayer dies, etc.) deliver the next generation of earth-friendly, corrosion-resistant dies by combining our 76 years of grinding technology experience and HIP alloy know-how.

Target

Companies with corrosion-resistant molds for solar-power generation, lithium-ion batteries, and other energy-related and LCD-related fields, as well as companies with large-size grinding challenges.



26

Basic Manufacturing Technology

Booth Number: 3-137

Creating the future with 1µm accuracy!

#### y-mold Co., Ltd.

Address: 402-12, Ojima, Matsukawa-machi, Shimoina-gun, Nagano Prefecture, 399-3304

Tel: 0265-36-5476 URL: https://y-mold.com/

#### Microneedles, microchannels, micro-precision processed samples

Plastic injection-mold design and production, aluminum die-casting mold production, various mold parts production, press mold parts production, fine precision parts processing

PR

Since our founding in 1989, we have been committed to precision mold making, producing over 5,000 molds. Since 2013, we have been utilizing our technology to work on micro-precision processing, producing over 500 microneedles and over 100 microchannels.

Target

Companies that require precision machining and microfabricated products. Personnel in charge of new product development and prototypina.



28

Basic Manufacturing Technology

Booth Number: 3-135

## A must-see for R&D personnel!

Solving the problem of plastic laboratory equipment!

#### PLABOTEC Co.

Address: 1538 Sakai, Kainan-shi, Wakayama Prefecture, 642-0024 Tel: 050-3695-3508

#### UHMW welding, visualization test equipment,

spiral processing, resin-processing technology exhibit

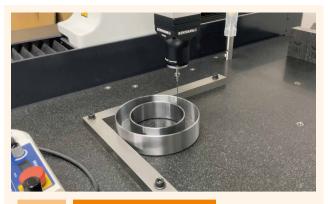
We manufacture products with complex shapes using resin materials (engineering plastics, super engineering plastics, general industrial resins, etc.). We offer solutions for issues related to the production of experimental devices and related to research and development, using our resin-processing technology. We also produce small-lot resin products. We provide a wide range of services for resin bending and resin welding. Additionally, we accommodate cutting processes and resin molded products.

PR

Attention developers! Please feel free to consult us regarding any resin-based Attention developers: Please feet feet to consult as regarding any resinbased experimental equipment or resin-processed products you are considering procuring for your company. Our company specializes in manufacturing products with complex shapes using resin materials (engineering plastics, super engineering plastics, general industrial plastics, etc.).

Target

Laboratories and development teams in need of consultants or clients to consult with, even from the conceptual stage, on resins and resin-processing technology for experimental equipment manufacturing and product development



Basic Manufacturing Technology

Booth Number: 3-134

Leave it to us for turning large thin-walled ring products up to Ø2000mm.

#### SHINWA IRON WORKS CO...Ltd

Address: 166-11, Shiroyamadai, Gose-shi, Nara Prefecture, 639-2261

Tel: 0745-66-9555

URL: https://www.shinwa-iw.co.jp

High-precision machining technology for large ring products made of difficult-to-cut materials

Metal processing of large ring products

PR

Our company was established in 1976 and is capable of integrated processing of large metal ring components, ranging from single items to mass-produced products, in various industrial fields, with outer diameters from e150 mm to e2,000 mm.

Target

Companies seeking processing technology for large thin-walled ring products made of difficult-to-cut materials



30

Basic Manufacturing Technology

Booth Number: 3-133

The world's first low-cost modular collaborative robot for SMEs, plus a new casting-method proposal

#### Kochi Kigata Kogyo Co.,Ltd

Address: 1244-1 Shimobun, Kagami-cho, Konan-shi, Kochi Prefecture, 781-5452

Tel: 0887-50-3988

URL: https://www.nc-model-inc.co.jp/

Design assistance and procurement of industrial machinery materials for automobiles, construction machinery, agricultural machinery, and trains

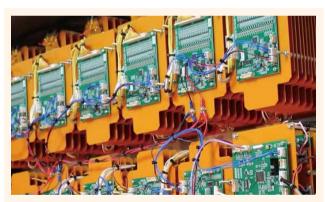
Manufacture of various models and procurement of materials

PR

Leveraging our manufacturing technology, experience, and know-how, our company is able to propose optimized cast products that meet the required strength and shapes for various materials, thanks to our advanced technical capabilities.

Target

Companies seeking new sources of raw materials



31

Basic Manufacturing Technology

Booth Number: 3-132

Custom-made Li-ion batteries.

Capable of handling up to 800V DC with our self-developed BMS.

#### MICRO VEHICLE LAB., Ltd.

Address:3-3-2-1502, Tosabori, Nishi-ku, Osaka-shi, Osaka Prefecture, 550-0001 Tel:06-6225-5398

URL: https://mvl.co.jp

Introduction of prototypes of ① battery-powered boats, ② electric vehicles, and ③ electric motorcycles

Custom-made large lithium-ion battery modules (battery assemblies) manufactured from a single unit according to customer requirements. With our self-developed BMS (control circuit) and Japanese-made lithium-ion batteries, we can handle 12VDC to 800VDC.

PR

Custom-made large lithium-ion battery modules (battery assemblies) manufactured from a single unit according to customer requirements. With our self-developed BMS (control circuit) and Japanese-made lithium-ion batteries, we can handle 12VDC to 800VDC.

Target

Companies researching and developing new mobility and large robots



32

Basic Manufacturing Technology

Booth Number: 3-131

Development of strains producing useful natural substances through synthetic biology

#### Fermelanta Inc.

Address: Ishikawa University Collaboration Incubator, 3-570, Suematsu, Nonoichi-shi, Ishikawa Prefecture, 921-8836

Tel: 076-295-9865 URL: https://fermelanta.com/

Service for construction of substance-producing strains by introduction of heterologous biosynthetic genes

A start-up from Ishikawa Prefectural University engaged in microbial fermentation production based on synthetic biology for the purpose of producing rare substances of natural origin. We are developing low-cost and sustainable substance production methods by fermentation using microorganisms with heterologous biosynthetic genes.

PR

Fermelanta maximizes nature's potential through sustainable fermentation processes, contributing to the health of people and the planet. We endeavor to revolutionize the production of useful substances through microbial fermentation enabled by synthetic biology!

Target

Companies seeking non-phytoextraction production methods for rare and expensive active ingredients derived from plants in the fields of pharmaceuticals, cosmetics, food, etc.



**Basic Manufacturing Technology** 

Booth Number: 3-148

We propose ways to create original parts for our customers.

#### Tokyo Tan-Ichi Co., Ltd.

Address: 1 Tamogi, Takanashi, Daisen-shi, Akita Prefecture, 014-0805

Tel: 0187-63-1101

URL: https://www.tanichi.tokyo/

#### Processing technology for precision press parts with complex shapes

Precision metal stamping, precision insert molding, embossed taping

PR

With a company name that suggests becoming the best in terminals in Tokyo, we will propose better monozukuri (manufacturing) to our customers, from prototypes to mass production.

Target

Companies that use precision stamped parts and have stamping problems such as scratches and burrs



34

**Basic Manufacturing Technology** 

Booth Number: 3-147

"Improved wear resistance with diamond and cemented carbide! Hard, precision parts can help reduce cost!"

#### MITSUBOSHI DIAMOND INDUSTRIAL CO.,Ltd

Address: 32-12, Koroen, Settsu-shi, Osaka Prefecture, 566-0034

Tel: 072-648-5000

URL: https://www.mitsuboshidiamond.com/

#### Providing high-definition parts with unique PCD (sintered diamond)

lida Works, High Hardness Parts Division (Tenryu Plant)

Manufacture of micro-machined parts using high-hardness materials such as sintered diamond (PCD) and cemented carbide Head Office & Other Divisions

Manufacture and sales of glass-cutting tools and equipment and semiconductor-wafer cutting equipment and tools

PR

We provide highly durable parts with excellent wear resistance, utilizing the high-hardness materials and micro-machining technology we have cultivated over our 89-year history. We can assist you with design and development, drafting, and prototyping according to your needs and

Target

Manufacturers who are having trouble with the wear resistance and durability of equipment parts and cutting blades



35

Basic Manufacturing Technology

Booth Number: 3-146

Micron-level precision achieved by cutting, not polishing!

#### Yamagishi Seisakusho Co.,Ltd

Address: 590-23, Hamakawa-machi, Takasaki-shi, Gunma Prefecture, 370-0081 Tel: 027-360-4100

URL: https://www.yamagishi-ss.com/

#### Semiconductor-lithography equipment lens barrel ring (total length: 200 mm, coaxiality: 5 microns or less)

We provide integrated production services from prototyping and development to mass production using CNC lathes, machining centers, and multitasking machines.

Applications include needle-bearing retainers used in robots, aerospace and defense parts, parts for semiconductor-manufacturing equipment, HV motor parts, renewable-energy parts (offshore wind turbines), etc.

PR

Our company is engaged in ultra-high precision-cutting processing that achieves roundness and concentricity of 5µ or less with a plate thickness of 1mm. We make semiconductor manufacturing equipment, aircraft parts, and needle-bearing parts. The company was founded in 1987 and has an in-house vocational training school certified by the governor of Gunma Prefecture.

Target

Companies that require ultra-high precision, such as semiconductor-equipment manufacturers, high-performance camera manufacturers, and bearing



36

Basic Manufacturing Technology

Booth Number: 3-145

100 years since our founding. with a track record of casting 10,000 molds

### HASHIBA INTERNATIONAL Inc.

Address: 2-19-6, Hashiba, Taito-ku, Tokyo, 111-0023 Tel: 03-3872-3151

URL: https://www.hashiba-shisaku.co.jp/

#### Plaster-Casting Technology

Contract processing of metal parts (precision casting/machining)

100 years of history and 10,000 molds produced. With our unique plaster-casting technology, we put shape to your

Target

Those who wish to make prototypes before die casting or mass-produce small lots instead of die casting



**Basic Manufacturing Technology** 

Booth Number: 3-144

Ultraprecision punching "±1µm ultrahigh-precision positioning robot press" and many other proposals

#### Sanko-Giken Co., Ltd.

Address: 3-5-38, Tamagushi-cho Higashi, Higashiosaka-shi, Osaka Prfecture, 578-0932 Tel: 072-964-3204

URL: https://sankogiken.com/

#### ±1µm ultra-high precision positioning robot press punching

Precision press processing, application development and sales

PR

We have been in business for 45 years and specialize in precision stamping of circuit boards. We have been exclusively responsible for the production of more than 100 million transportation IC card internal antenna substrates over 20 years, and we have maintained a quality system with zero leakage claims, effectively achieving a quality rate of zero out of 100 million.

Target

Research and development prototype projects in the press-processing field that requires ultra-fine processing quality



39

Basic Manufacturing Technology

Booth Number: 3-157

Surface coating for longer life, lighter weight, and higher functionality

#### FUJIKIKOSAN Co.,Ltd

Address: 4-8-16, Honjo, Yahatanishi-ku, Kitakyushu-shi, Fukuoka Prefecture, 807-0801 Tel: 093-602-8670

URL: http://www.fjk-kk.co.jp/

#### Thermal spray coatings made of metals, ceramics, cermets, etc.

Various thermal spraying and overlay welding; various plant manufacturing, installation, and maintenance

PR

We have over 60 years of expertise in thermal-spraying technology. Using the technology and know-how we have cultivated over the years, we provide coatings that meet customer needs and contribute to high functionality, long life, and weight reduction through premium wear resistance, corrosion resistance, and heat resistance.

Target

Companies struggling with surface treatment of their equipment or products



38

**Basic Manufacturing Technology** 

Booth Number: 3-158

Prototype high-precision evaluation, prototype resin block for cutting, laminated forming block "L-CUBE"!

#### Asahimolding Co.,Ltd

Address: 5-2-1-102, Higashiogu, Arakawa-ku, Tokyo, 116-0012

Tel: 03-5855-3560

URL: https://www.asahimolding.com/

#### Laminated molding blocks L-CUBE

Asahi Molding operates under the fundamental principle of "Contributing to the creation of added

value for our customers!" Our main business activities are:

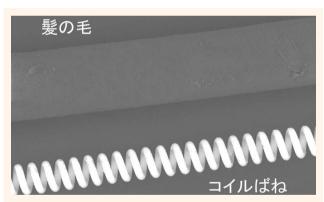
1) Product design and development, 2) Mold making, 3) Plastic injection molding, 4) Secondary processing such as printing and assembly, 5) Integrated production and automation from molding to secondary processing, and 6) High precision and high quality manufacturing using the latest manufacturing technology.

PR

We have been in the industry for 74 years since our founding. In 1950, we imported injection molding machines from Bandung and switched to thermoplastic molding, and since then we have been supplying high-quality plastic parts to a wide range of industries.

Target

Companies involved in prototype design and development seeking to obtain block materials for resin prototypes in materials to be used for mass production



40

Basic Manufacturing Technology

Booth Number: 3-156

#### We can plate even the smallest parts.

Our plating of micro parts is of the highest quality in the world.

#### ERG Co., Ltd.

Address: 250-6, Uda, Tomioka-shi, Gunma Prefecture, 370-2451

Tel: 0274-62-2421

URL: https://ssl.k-erg.co.jp/top.html

#### Precision plating for small parts. Internal plating for blind-hole products.

Our company is focused on precision plating for smaller components. The parts we handle are used in electrical, communication, and automotive applications. The smaller the product, the more difficult the plating process, often requiring up to 100 manual steps. To counter this, we have established a precision plating technology system with workers monitoring the condition of the product.

PR

We can plate even the smallest of parts with our world-leading system that quarantees premium quality. When it comes to the plating of precision parts, leave it to ERG!

Target

Electronic-component and semiconductor manufacturers seeking plating on fine and difficult to form parts



Basic Manufacturing Technology

Booth Number: 3-155

Rubber products-order as little as one unit!

#### DAIWA KAKOU CO.,Ltd

Address: 45 Yamagami, Saito, Fuso-cho, Niwa-gun, Aichi Prefecture, 480-0104 Tel: 0587-93-1860

URL: https://gom-soul.com

#### A rubber-molding service for developers specializing

#### in small-scale prototype production

For prototype-development staff who think, "I just want one rubber product!," we can reduce costs with a rubber-molding method that uses aluminum molds for prototypes.

Since a mold is used, prototypes can be made with the same level of precision as the finished product. We can also mold rubber and metal together as one unit.

Additionally, we offer mass production, so clients can move on to mass production immediately

after prototyping.

Rubber products starting with one piece to mass production. Custom-made rubber products that meet your needs, from material selection to production. Use of simple molds for small quantities to maintain precision from the prototype stage. Handling capabilities for a variety of prototypes, including different materials, hardness, and colors.

Target

PR

Product-development personnel who use rubber products



42

**Basic Manufacturing Technology** 

Booth Number: 3-154

New resin-metal bonding technology with a wide range of applications

#### HIROTEC Corp

Address: 5-2-1, Ishiuchi Minami, Saeki-ku, Hiroshima-shi, Hiroshima Prefecture, 731-5197 Tel: 082-941-7800

URL: https://www.hirotec.co.jp/

#### Bonding between dissimilar materials such as metals, ceramics, and resins

Advanced technology development, product development, tooling development, quality training, and production for products, equipment, and systems that support domestic and international automobile manufacturers. Design and production of automobile parts (doors, exhaust-system parts), design and production of molds, jigs, and assembly lines.

PR

Our company is committed to manufacturing our own equipment, leveraging the know-how accumulated over 90 years of experience. Through the development of new technologies and products that are competitive on a global scale, we will strive to create products that satisfy our customers.

Target

Companies interested in dissimilar-material joining, not only in the transportation machinery sector but across all industries



43

Tel: 075-200-6971

nor material coloring (dveing) Murakami Co., Ltd.

URL: https://www.m-c-sys.com/

Dyeing of plastic molded products

Coloring (dyeing) of molded plastic products

Basic Manufacturing Technology

Address: 62 Nakagawara-cho, Kamitoba, Minami-ku, Kyoto Prefecture, 601-8142

A penetration coloring method that is neither painting

Booth Number: 3-168

44

Basic Manufacturing Technology Booth Number: 3-167

#### Hardness equal to that of carburizing, with half the distortion!

#### AITEC CO.,Ltd

Address: 1-5-14, Hachiyadai, Minokamo-shi, Gifu Prefecture, 505-0039 Tel: 0574-28-3530

URL: https://www.aitech-inc.co.jp/

Nitrocarburizing and quenching that contributes to CO2 reduction

Integrated in-house production for pressing, heat treatment, and more

PR

In the early days of our operation, we sold dyeing chemicals necessary for Nishijin textiles in Kyoto. Over the years, we have successfully developed technology that enables the dyeing of resin molded products. With our original dyeing machines and dyeing techniques, we have become Japan's leading specialized dyeing and processing company.

Target

For companies handling resin molded products

By starting production with a press, we can design molds that take into account heat-treatment distortion, making it possible to guarantee dimensions after heat treatment.

Target

For companies that want to reduce heat-treatment deformation of parts and curb CO2 emissions

16



Basic Manufacturing Technology

Booth Number: 3-166

Fluoropolymer powder mixed with water! An innovation in surface modification technology

#### SAKIGAKE-Semiconductor Co.,Ltd.

Address: 50 Nishishichijo, Onmaeda-cho, Shimogyo-ku, Kyoto Prefecture, 600-8897 Tel: 075-204-9589

URL: https://sakigakes.co.jp/

#### Surface modification of PTFE powder

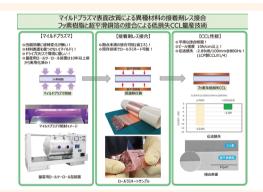
Development, manufacturing, and sales of plasma systems and contract processing using plasma

PR

Sakigake was established in 2002. We specialize in surface modification centered in plasma technology. We engage in manufacturing, sales, and contract processing, contributing to the enhancement of durability and functionality. We also provide solutions for the medical, automotive, and electronics industries.

Target

Our plasma technology is ideal for semiconductors, 5G/6G communications, medical devices, 3D printing, and inks and pigments, enhancing the development of high-performance materials.



47

Basic Manufacturing Technology

Booth Number: 3-164

#### Mild plasma / Stable modification effect / Adhesive-free bonding

#### STC Co.,Ltd

Address: 2797-3, Iya, Higashi Izumo-cho, Matsue-shi, Shimane Prefecture, 699-0101 Tel:0852-52-6100

URL: https://www.stc-jp.co.jp/

#### Mass production technology of fluorine-based CCL for 6G communication using mild plasma technology

Development, manufacturing, sales, and maintenance of custom-made cutting machines, fully automatic sample-preparation equipment, vacuum plasma equipment, various labor-saving machines, etc.

PR

"Creating something that does not yet exist in the world." We are a research and development-oriented FA equipment manufacturer that supports manufacturing (steel, electronics, biotechnology). Our surface modification technology, Mild Plasma, which "bonds things that do not stick," overturns the common understanding of plasma.

Target

Fluorine and other low-dielectric film manufacturers, CCL manufacturers



46

**Basic Manufacturing Technology** 

Booth Number: 3-165

Restoration of hotels and historical buildings! Technology that preserves stone architecture without destroying it

#### GENZEN CO...Ltd

Address: 3515-502, Nijo Yoshii, Itoshima-shi, Fukuoka Prefecture, 819-1641

Tel: 092-519-7811 URL: https://genzen.co.jp/

#### Stone defect-repair technology, and conservation and restoration services

We specialize in stone repair and preservation. We provide stone restoration techniques for new construction sites and renovation projects, with the goal of preserving the beauty and durability of architectural and historic structures. We also offer effective restoration solutions utilizing the latest technology and experience.

PR

We has 18 years of stone-repair experience and became independent in 2018. Specializing in new construction, renovation work, and the preservation of historic buildings, we ensure beauty and durability with our defect-repair techniques. We are looking to expand both domestically and internationally.

Target

Companies in need of stone restoration and maintenance for architectural and cultural properties. Specifically, construction and renovation companies, cultural-heritage preservation organizations, and hotel chains.



48

**Basic Manufacturing Technology** 

Booth Number: 3-178

For smooth process management at plating processing sites: Milmec

#### Caz International Corporation

Address: 1-32-9, Kichijoji Hon-cho, Musashino-shi, Tokyo, 180-0004 Tel: 0422-29-0611

URL: https://www.caz.com/

#### Cloud-Based Plating Process Management Support System: Milmec V3

Since 1991, our company has been engaged in the contracted development of IT systems that enhance the efficiency of our customers' operations and enable effective use of information. We connect the voices of the sales and manufacturing departments to propose and build the most suitable system tools for our clients. We develop and sell products that contribute to the improvement of our customers' business efficiency and productivity, and provide support to maximize their effectiveness.

PR

Our CEO, who has a background in manufacturing, is developing systems for use in niche fields. In recent years, we have been contracted to develop and package Milmec, a process-management support system specialized for the plating industry (patented). We sell this as our flagship product.

Target

Small- to medium-sized plating companies and plating-related companies seeking process management for plating-related work. Processing companies that cannot be managed with existing systems.



**Basic Manufacturing Technology** 

Booth Number: 3-177

Solving surface problems! Fluorine gas treatment and other unique products!

#### TAKAMATSU TEISAN CO.,Ltd

Address: 5-14-1, Asahi-machi, Takamatsu-shi, Kagawa Prefecture, 760-0065

Tel: 087-822-5222

URL: https://www.takatei.co.jp/

#### F2 surface treatment and products, testing, and research using F2

With the manufacture and sale of high-pressure gas as our foundation, we provide one-stop solutions for the design and construction of gas-supply facilities, as well as the supply of related equipment and materials. Through advanced gas engineering technologies, we support Shikoku's infrastructure from both industrial and medical perspectives.

PR

We started our business using fluorine gas (F2) in 2000. We offer F2 surface treatment technology (products) with unique performance and propose new possibilities and interesting applications for F2. We also sell treated products and contract processing, as well as F2-related equipment.

Target

Users who need new surface or material properties and want to try out different technological developments from other companies



50

**Basic Manufacturing Technology** 

Booth Number: 3-176

Combining aluminum with plating for the ultimate lightweight product!

#### **DENTO Japan Ind Co.,Ltd**

Address: 1-25-8, Tatsumi-Kita, Ikuno-ku, Osaka-shi, Osaka Prefecture, 544-0004

Tel:06-6751-6194

URL: https://nihondento.co.jp/

#### Products made of difficult-to-plate materials such as aluminum and titanium

Founded in 1967 as an anticorrosion plating business, our company was reorganized into a corporation in 2003 and was one of the first to develop plating technologies that were compliant with hazardous controlled substances. In 2012, with the change to our current president, we began to handle functional plating, such as current-carrying, wear-resistant, and surface-hardening plating in addition to our mainstay anticorrosion plating, and we are promoting a shift to a proposal-based sales approach.

PR

We are a plating company established in 1967 that handles zinc plating, chemical polishing, and plating on difficult-to-plate materials, and in 2023 we established an R&D center equipped with a variety of analytical instruments to challenge new manufacturing possibilities.

Target

Engineers and managers in their late 20s to late 30s in R&D departments at large- or medium-sized companies



51

Basic Manufacturing Technology

Booth Number: 3-175

A suction brush that simultaneously removes

static electricity and foreign objects, and a reusable deodorizer

#### H&C TECHNICALLABORATORY Co.,Ltd

Address: 18-9, Notogawa-cho, Higashiomi-shi, Shiga Prefecture, 521-1231 Tel: 0748-43-1982

URL: http://www.handc-techno.co.jp

Handy suction brush capable of simultaneously removing static electricity and foreign matter in clean environments

To ensure comfortable living environments and clean production environments, we promote the original development, manufacture, and sales of health and cleaning equipment and functional materials based on air-purification technology (dust collection, deodorization, and sterilization). Health and cleaning equipment: suction brushes for static and foreign-matter removal, allergen suction brushes, air purifiers. Functional materials: honeycomb photocatalyst, honeycomb activated carbon, deodorizers, sterilization lamps.

PR

For 18 years, we have been promoting research and development of dust removal, deodorization, and sterilization technologies for comfortable living and working environments. In particular, we propose a new type of suction brush for simultaneous removal of static electricity and foreign matter from clothing and parts in clean environments, in an effort to contribute to high-quality production.

Target

Production sites requiring simultaneous removal of static electricity and foreign matter from clothing and parts in a clean work environment



52

Basic Manufacturing Technology

Booth Number: 3-174

#### A company that has supported society

with reliable plating technology since its founding 93 years ago

#### Sensyo Co., Ltd.

Address: 5-2-64, Minamitsumori, Nishinari-ku, Osaka Prefecture, 557-0063 Tel: 06-6657-0007

URL: http://sensyo-ltd.co.jp

#### Anodizing treatment for titanium products

① Plating and polishing of nonferrous metals (copper, brass, aluminum, etc.)

②Anodic oxidation treatment for titanium

We have been in business for 100 years and specialize in plating. We have 2 automatic nickel and nickel-chrome plating machines, 1 automatic copper plating machine, 1 automatic alloy plating machine, 2 large tin plating tanks, 2 hard chrome plating tanks, and 1 electroless nickel p

PR

Our company has been in business for nearly 100 years and specializes in plating. Our main business is the plating of industrial products such as OCTG joints and copper bus bars, but we are expanding our focus to the medical and aviation fields and overseas with our newly developed titanium anodizing process.

Target

Companies seeking new technology for aircraft parts and medical equipment



**Basic Manufacturing Technology** 

Booth Number: 3-184

We manufacture equipment to meet customer needs for the recovery of gases, such as Hydrogen and CO2, at a low cost.

#### lijima Machinery Co., Ltd.

Address: 2-6-9, Tsujido, Fujisawa-shi, Kanagawa Prefecture, 251-0047

Tel: 090-5344-9272

URL: http://www.glovebox-imc.com/

## Development of water-removal PSA equipment and oxygen-removal and CO2-recovery equipment

Design, manufacturing, and installation of water-removal PSA equipment, oxygen-removal and CO2-recovery equipment, circulation purification equipment and glove boxes

PR

We inherited the technology of purification equipment and glove boxes that was acquired before our establishment in 2004. Since 2023, we have taken on the challenge of becoming carbon neutral. We are acquiring the technology for PSA equipment and pursuing next-generation challenges with a small but elite team.

Target

CO2-capture development manufacturers, battery development manufacturers



55

Robots and Robotics Related Technology

Booth Number: 3-110

Comprehensive support for robot installation equipment design and production: From prototype to mass production molds!

#### MUTSUMI INDUSTRY CO.,Ltd

Address: 5-1, Ruriko-cho, Kita-ku, Nagoya-shi, Aichi Prefecture, 462-0866 Tel: 052-913-2111

URL: http://mutsumi-industry.co.jp

## Precision assembly work performed using cooperative robots in harmony with humans

We design, manufacture, prototype, and develop methods for various specialized machines for press dies and manufacturing equipment lines.

PR

For the 75 years since our founding, we have consulted with customers in all industries, including automotive, home appliance, and housing, to design, manufacture, and provide start-up support for robot-integrated equipment, various specialized machines, and various dies for manufacturing facility lines.

Target

Companies that wish to introduce equipment and molds for manufacturing products made of metal, resin, CFRP, etc., from prototyping and method development to mass-production start-up support



54

Robots and Robotics Related Technology

ogy Booth Number: 3-100

Avoid labor shortages with automated transportation! Introducing the unmanned transport system "AGV"

#### SION SYSTEM CO..Ltd

Address: 363-2, Oyori, Jojima-machi, Kurume-shi, Fukuoka Prefecture, 830-0205

Tel: 0942-62-6337 URL: https://4on.jp

#### First in Japan! No QR required. 180 mm thin low-floor AGV "CREW"

We provide automation solutions for factories, mainly in the mechatronics business, which applies electrical, electronic, and mechanical technologies to achieve automation, and in the system-integration business, in which we undertake the construction of information systems.

PR

Our company provides the value of automation to businesses facing challenges such as labor shortages. We use our strength in a comprehensive system that covers everything from software and hardware design to production and implementation, and we work together to pursue solutions that meet your needs.

Target

Companies in the manufacturing and logistics industries that are considering automating the transportation of goods in factories and warehouses using transport robots in order to solve labor shortages and improve work efficiency



56

Advanced Technology

Booth Number: 3-188

#### Japanese brand eye tracker:

"Pinpoint and visualize the worker's gaze."

#### SiB Co., Ltd.

Address: 6F, 3-1-3, Minami-Aoyama, Minato-ku, Tokyo, 107-0062 Tel: 03-6280-2710

URL: https://sib.jp.net/

#### "Eye Tracking Core+"

SiB is a manufacturer of eye-tracking solutions, a method of recording and analyzing the movement of the human eye, and provides unique services to enable the use of this technology as an interface in a wide range of fields, including manufacturing, research, medical, marketing, primary industry, and infrastructure.

PR

We are a manufacturer that designs, manufactures, sells, and supports eye tracking glasses and a trading company that sells solutions such as biometric sensors that can be used in conjunction with the glasses.

Target

Manufacturing / Construction / Research Institutes / Marketing



Advanced Technology

Booth Number: 3-187

Hands-free operation! An innovative experience with aerial displays.

#### TSUGAWA CO.,Ltd

Address: 1181 Shigawa-cho, Kohoku-ku, Yokohama-shi, Kanagawa Prefecture, 223-0057 Tel: 045-542-3323

#### Aerial Touch Display

- Design and manufacture of financial and distribution terminals, image-processing machines, medical equipment, etc.
  Design and manufacture of entertainment equipment, etc. OEM production (from development)
- Design and manufacture of entertainment equipment, etc. OEM production (from development and design to finished products)

PR

Since our establishment in 1953, Tsugawa has supported the Japanese manufacturing industry. Our strength lies in integrated production, including development, design, sheet metal, painting, and assembly in a wide variety of industries, such as semiconductors, medical care, and transportation infrastructure.

Target

Manufacturers seeking new technology proposals



59

**Advanced Technology** 

Booth Number: 3-185

Automate checkouts, returns, searches, reservations, notifications, inventory, and calibration with "Tool ONE"!

#### SalesOne, Inc.

Address: 3-14-5, Shibaura, Minato-ku, Tokyo 108-0023 Tel: 090-8818-8004

URL: http://www.salesone.co.jp

#### Tool ONE, a take-out and return system utilizing IoT and RFID

Development, sales, and support of business systems and the manufacturing and sales of IC tags

PR

Introducing Tool ONE, a management system for the borrowing and returning of tools and measuring instruments, utilizing loT devices and RFID technology. This system and its IC tags are designed to simplify the complex procedures involved in the borrowing and returning of tools and measuring instruments.

Target

Maintenance and safety-management departments and digital transformation (DX) departments in the manufacturing, infrastructure maintenance, and plant industries



58

Advanced Technology

Booth Number: 3-186

Realistic and effective experiences and education using VR and CG technology specialized for disaster and medical care.

#### Snowlion Inc.

Address: Okayama University Incubator 214, 1-1-1 Tsushima-naka, Okayama Prefecture, 700-8530 Tel: 0862-36-8869

URL: https://www.snowlion.co.jp/

#### DPE -VR (Disaster-prevention education VR), ME-VR (Medical education VR)

3DCG / XR technology: Proposals for problem solving, application development, and exhibition using 3DCG and XR (VR, AR) technology using Unity and UE5. CG Animation Production: Production of advanced CG animations developed in-house.

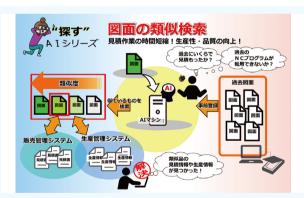
System Development: System development specializing in medical, educational, and chemical fields.

PR

We solve problems in the medical, educational, and industrial fields with our self-developed applications and 3DCG production technology. We provide high-quality content with accurate representation and scientific backing under the supervision of experts.

Target

Municipalities, disaster-prevention-related research institutions, researchers, and corporate disaster-prevention staff. Medical-related research and educational facilities



60

Advanced Technology

Booth Number: 3-198

#### Brainy Al

#### SOUYA CO.,Ltd

Address:183-1, Misusumi-machi, Hakusan-shi, Ishikawa Prefecture, 924-0053 Tel:076-256-2160

URL: https://www.souya.biz

#### Al similar-drawing search system (+ 3D data support)

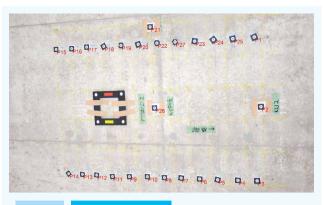
We provide general IT support, including contracted development of AI systems and business systems, consulting, environment construction, and data analysis. In recent years, we have focused on supporting the introduction of AI systems by combining AI technology with the knowledge we have accumulated over our long history. We are also actively engaged in joint research in innovative fields.

PR

We provide a system that makes it easy to find similar products from drawings and 3D data of industrial products. Since we create a unique Al model from drawings on hand, the accuracy is high, and we provide extensive consulting and PoC (proof of concept) leading up to implementation.

Target

Manufacturing companies that process metals, resins, etc.



Advanced Technology

Booth Number: 3-197

TwoViewServer High-speed, high-precision measurements possible with two or fewer digital photos

#### International Technology Transfer Corporation Co.,Ltd

Address: 4F, Nissei Building, 3-1-19, Hachiman-dori, Chuo-ku, Kobe-shi, Hyogo Prefecture, 651-0085

Tel: 078-271-6055 URL: https://www.ittc.co.jp/

#### Photo measurement system PhotoCalc

- · Development and sales of photographic measurement systems
- · Development and sales of video measuring systems
- ·3D measurement and shape processing services
- · A wide range of software applications
- \*Automobile, transportation Medical Civil engineering and construction Sports Robotics

PR

PhotoCalc provides a solution to the Ministry of Land, Infrastructure, Transport and Tourism's priority issue of rebar inspection, etc., by enabling simple and highly accurate location measurements using commercially available cameras and video. Vehicle measurement software can be used to ensure road construction safety and to develop autonomous vehicles

Target

All companies involved in construction and civil engineering sites and manufacturing



63

**Advanced Technology** 

Booth Number: 3-195

Next-generation Al assistant service that understands and supports human emotion (Patent No. 7488440)

#### Logica Education Co., Ltd.

Address: 1F, COZY Muromachi, 4-49, Muromachi, Ikeda-shi, Osaka Prefecture, 563-0047 Tel: 072-752-8607

URL: https://logica.education/

#### Al assistant that is sensitive to human emotions

Development of teaching materials (13 years of programming and information materials for preschool-through-college entrance exams)

Logica-style programming class franchise

Dispatch of instructors to schools

Planning and operation of programming education and career education events Corporate training (DX and reskilling)

Development of Al services for emotional support

PR

Founded by Ai Seki, who was certified as a Super Creator at the age of 19 in the IPA Unexplored Project, our company provides programming and information learning materials for public schools and private educational institutions nationwide. We were also awarded the Japan Small and Medium Enterprise Award in 2022.

Target

Companies that wish to reduce labor costs and increase customer satisfaction by proactively introducing Al-based in-person services



62

Advanced Technology

Booth Number: 3-196

We support automation and the reduction of manual lab or through the integration of Al and robots.

#### HACHIX Corp

Address: 201, 2-22-8, Chikusa, Chikusa-ku, Nagoya-shi, Aichi Prefecture, 464-0858 Tel: 052-693-5866

URL: https://www.hachi-x.com/

#### Al Visual Inspection ECOS

Development and sales of automation and labor-saving systems through integrating AI, robots, and sensors

PR

Leveraging our technological expertise in the fusion of artificial intelligence, sensing-control technology, and robotic-control technology, we have developed numerous systems for automation and labor-saving in manufacturing sites.

Target

Companies seeking automation and labor savings in the visual inspection process



64

**Advanced Technology** 

Booth Number: 3-194

#### Shaping the future:

Al implementation begins with a prototype.

#### DigitalMirai Co., Ltd.

Address: 10F, River Point Kitahama, 1-3-14, Kitahama, Chuo-ku, Osaka-shi, Osaka Prefecture, 541-0041

Tel: 06-4708-5510 URL: https://www.digitalmirai.co.jp

#### Al (artificial intelligence), Material counting system

· Al-based system development: We provide contracted services for the development of various image-analysis systems, such as object analysis, object detection, behavior analysis, image classification, 3D image analysis, etc.

·Communications robot development: We develop robots that can converse with people, attract customers to stores, provide store guidance, give directions, and assist at reception desks (stores, city halls, facilities, etc.).

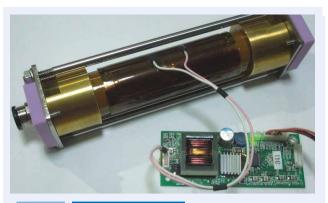
PR

We pave the way to the future with our solid technologies and technological capabilities.

We use Ăl (artificial intelligence) to help solve social issues and create a new future.

Target

Companies with a large inventory that are struggling with stocktaking and inventory management



Water, Fine Bubble, and Environmental Technologies

Booth Number: 3-163

Eco-friendly, mercury-free deep ultraviolet light
Plasma surface light, water sterilization device, anti-algae device

#### Shikoh Tech Co., Ltd.

Address: 1-81, Hama, Awaji-shi, Hyogo Prefecture, 656-2304

Tel: 0799-70-9021 URL: https://shiko-tec.co.jp/

Cylindrical water sterilization module with all sides UVC irradiation

We develop, manufacture and sell plasma-type mercury-free ultraviolet light sources (the world's first, proprietary patented technology). Our specialty is short-wavelength vacuum ultraviolet (VUV) to deep ultraviolet (UVC, UVB), and in addition to designing and manufacturing custom light sources, we also undertake the contract development of application devices that use ultraviolet light. We are currently producing these products at our own factory in Awajishima using our own manufacturing technology and equipment.

PR

We are a manufacturing venture company founded in 2015 that developed our own mercury-free deep ultraviolet surface light source by applying plasma TV technology. Under the Minamata Convention, we are challenging ourselves to make ultraviolet light sources mercury-free using plasma technology.

Target

Companies that require drinking water disinfection, wastewater disinfection, hot water disinfection, seawater disinfection, algae control, decomposition of dissolved organic matter in water, and companies that are developing environmental businesses.



66

Water, Fine Bubble, and Environmental Technologies

Booth Number: 3-162

Eco-friendly coolant tank for grinding machines
Contributing to the SDGs by saving power and reducing waste liquid

#### OGUSU INDUSTRY CO.,Ltd

Address: 10838 Shinohara-cho, Chuo-ku, Hamamatsu-shi, Shizuoka Prefecture, 431-0201

Tel: 053-447-2051

URL: http://www.ogusu.co.jp/

#### Vortex Circular Coolant Tank

The manufacture of powertrain components for automobiles, motorcycles, industrial machinery (tractors, combines, binders, etc.), and outboard motors; hydraulic components and diesel-engine components; and the manufacture and sales of environmental equipment.

PR

Our company provides precision parts to various industrial sectors, and we are flexible in responding to requests for everything from unit products to small-batch production of various products. We also sell coolant tanks that showcase the improvements and know-how we have cultivated in our manufacturing processes.

Target

Companies struggling with cleaning coolant tanks after grinding metal



67

Water, Fine Bubble, and Environmental Technologies

Booth Number: 3-161

Our proprietary SPATON Technology provides compact and efficient wastewater and sludge treatment

#### Justec Co.

Address: 2F DSM Shin-Yokohama Building, 2-6-3, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa Prefecture, 222-0033

Tel: 045-594-9100 URL: https://justec.co.jp/

#### **REWATER System**

Design, manufacture, and sale of water-treatment equipment

PR

We are a manufacturing company that solves wastewater-treatment issues to protect beautiful water environments around the world. We are working on solving wastewater and sludge-treatment issues with our independently developed patented technology, SPATON Technology.

Target

Indonesia and other Southeast Asian countries with low sewerage penetration rates



68

Water, Fine Bubble, and Environmental Technologies

Booth Number: 3-160

NanoGAS® technology for new multifunctional materials boasts amazing long-term stability among nanobubble technologies

#### Shinbiosis Corporation

Address: 401 Est Nouveau, 2-1-40, Katamachi, Miyakojima-ku, Osaka Prefecture, 534-0025 Tel: 06-6948-5088

URL: https://sym-biosis.co.jp/

#### NanoGAS® water

1. Research and development of fecal microflora transplantation and sales of bacterial solution for transplantation

2. Research and development of NanoGAS® water, plant design, and sales of NanoGAS® water

PR

Shinbiosis has created an antibiotic-free FMT method using NanoGAS® water. It can be stored and transported for long periods and is useful in various fields, such as healthcare, food, and cosmetics. We plan to expand globally after 2025.

Target

In not only cleaning, antimicrobial, and deodorizing fields but also medical, beauty, and other healthcare fields, as well as various industrial fields, such as steel, fisheries, and agriculture



Water, Fine Bubble, and

Booth Number: 3-173

A comprehensive manufacturer of emergency water purifiers, boasting a wide lineup!

#### Miyasaka Industries Co., Ltd.

Address: 5568-2, Kanazawa, Chino-shi, Nagano Prefecture, 391-0012 Tel: 0266-79-7115

URL: https://mskcg.jp/

#### "Drinkable Elephant" series of emergency water purifiers

Precision grinding and the development and sale of original products distributed under the Kokkun brand series.

PR

Our company focuses on two main businesses: precision grinding processing and the development and sales of our own products. The latter, our own products, are widely marketed under the brand series Kokkun.

Target

Government, organizations, companies, local disaster-prevention staff, related trading companies, etc.



70

Vater, Fine Bubble, and

Booth Number: 3-172

ELBEENO for facility infection control and hygiene management!

#### Tierra Co., Ltd.

Address: Address: 6-25-3 Mitsushima, Kadoma City, Osaka Prefecture

Tel: 072-887-0777

URL: https://tierra-club.com/

#### Hypochlorous acid water generator ELBEENO

Manufacturer and sales of hypochlorous acid water generator ELBEENO. Sales of specialized undiluted solution. Sales of Virus Washer PRO Hypochlorous acid air purifier.

PR

Since our establishment in 2004, we have been manufacturing and selling sterilization generators, reaching a cumulative total of approximately 9,000 units to date. We will continue to strive to provide products that are kind to the environment, and to people.

Target

Businesses that require hygiene management within their facilities, and companies considering starting a new business



71

Water, Fine Bubble, and

Booth Number: 3-171

Reducing CO2 emissions by recycling waste plastics

#### Kitahama Chemistry Co.,Ltd

Address: 5F, SENSEISHA Building, 1-5-8, Kitahama, Chuo-ku, Osaka-shi, Osaka Prefecture, 541-0041

Tel: 06-7178-1321 URL: https://www.kchemi.co.jp

#### Plastic-Waste Reduction Equipment KASHIN INFINITY

Planning and sales of plastic-waste reduction equipment with a focus on chemical recycling Environment-related consulting

PR

Representatives from small- and medium-sized enterprises in different industries have come together to address the social issue of environmental pollution caused by plastic waste, by promoting solutions through chemical recycling of the composite material LIMEX.

Target

Overseas sales channels



72

Factory Construction and Disaster Prevention

Booth Number: 3-170

Equipment hardware design, PLC software design, panel production, trial run adjustments, and modifications.

#### MUROZUMI-SEKKEI CO.,Ltd

Address: 1102 Casabella Kokusai Plaza Building, 1-1-18 Isobe-dori, Chuo-ku, Kobe-shi, Hyogo Prefecture, 651-0084

Tel: 078-600-2697 URL: https://www.murozumisekkei.jp/

#### Remote Debugging System

We do electrical design, control design, trial-run adjustments, and we manufacture control panels and operation panels for plants and labor-saving equipment.

PR

We are a group of engineers who support manufacturing through electrical design and control.

Target

Production plants and equipment manufacturers that manufacture labor-saving equipment



Booth Number: 3-180

Experts in manufacturing, with fundamental technologies in electronic circuits, software, and machining

#### Oisaka Electronic Equipment Ltd

Address: 2101-3, Kawaminami, Kanbe-cho, Fukuyama-shi, Hiroshima Prefecture, 720-2124 Tel: 084-963-2890

#### Measurement and control equipment using the benefits of various sensors to alleviate labor shortages

- Our main business is the manufacture and sale of measuring devices. Products include biosignal measuring devices and measuring devices for production facilities. Design and manufacture of computer and microcomputer software

Design and manufacture of electronic circuits

Design and manufacture of manufacture of electronic circuits

Usign and manufacture of commercializing various sensors and measuring devices through joint research with many universities and research institutes.

PR

We have been in operation for 40 years with a philosophy of "crafting valuable products using advanced technology to contribute to a prosperous society." We strive to be a company skilled in manufacturing that can create products that bring joy to our work and inspire our customers.

Target

Managers seeking to improve productivity in factories and other production facilities. Producers who manage the optimal environment and growth conditions for plant growth in agriculture. Managers who detect and address infrastructure anomalies in their early stages.



74

Factory Construction and Disaster Prevention

Booth Number: 3-190

Aiming to solve social issues simply and at low cost with the world's first wireless technology

#### Sonas, Inc.

Address: 6F, Grace Imasu Building, 5-24-2, Hongo, Bunkyo-ku, Tokyo, 113-0033 Tel: 03-3830-0170

URL: https://www.sonas.co.jp/

#### Automated analog-meter inspection service

Planning, design, manufacture, and sales of sensing-related hardware, software, and services

PR

Sonas is a startup originating at the University of Tokyo that has developed and provided the world's first industrially implemented energy-saving wireless communication technology, UNISONet. Our goal is to solve social issues with a focus on both communication stability and energy efficiency, all while being uncomplicated and low-cost.

Target

Manufacturing companies with factories and plants that want to improve the efficiency of manual inspection work



75

Well-being Tech

Booth Number: 3-183

Paint free! (Paintless molding)

#### KAWABE SHOKAI CO..Ltd

Address: 85-1, Hiraoka-cho, Nishi-ku, Sakai-shi, Osaka Prefecture, 593-8307 Tel: 072-260-6700

URL: http://www.kawabe-co.com/

#### Safe and secure decoration methods for a more sustainable society

Manufacture and sale of plastic injection-molded products

Drawing on expertise acquired over a long time, we have developed a molding technology for exterior plastic-molded products that provides a PR metallic look without painting. We focus primarily on mass production for the automotive industry. Target Manufacturers and module makers that produce their own products



76

Well-being Tech

Booth Number: 3-182

Add new value to your products with the moisture-detection dye "Agua Indicator"!

#### Matsui Shikiso Chemical Co., Ltd.

Address: 64 Kamikazan-sakuradani, Yamashina-ku, Kyoto Prefecture, 607-8466 Tel: 075-594-5611

URL: https://www.msc-color.co.jp/

#### Aqua Indicator

- ·Research, development, and sales of functional colorants that change color in response to temperature, light, or water.

  • Development and manufacturing of water-based inks and pigments for the apparel industry.
- Water-based pigment inks for inkjet printing on textiles.
  Sales, maintenance, and after-sales service of DTF printers capable of producing high-quality thermal transfer paper marks (such as transfer paper for clothing).

PR

As we celebrate our 100th anniversary, we continue to leverage the vast experience and know-how we have accumulated over the years to venture into new fields. With our expertise in IJ water-based pigment inks and functional colorants, we are dedicated to manufacturing while reducing environmental impact.

Target

Companies that want to add special functions to hygiene products, paper products, and ink



**Well-being Tech** 

Booth Number: 3-181

A manufacturer turning feedback from the field into reality with IT!

#### TAKAYAMAKASEI Co.,Ltd

Address: 3-133, Otashin-machi, Yao-shi, Osaka Prefecture, 581-0039

Tel: 072-949-6510

URL: https://www.takayama-kasei.co.jp/

#### Video manual creation tool "3T's"

Research, planning, development, and production of soundproofing and vibration-damping materials that create comfortable spaces, using waste materials such as PVC, rubber, and olefin-based resins.

PR

A manufacturing company with a 60-year history, facing the challenge of passing on its skills in a timely manner. Our challenge was to reduce the amount of time spent on training our employees, who now include many nationalities. We have developed our own unique solution to this problem.

Target

Manufacturing companies, inbound business



78

**Well-being Tech** 

Booth Number: 3-193

High-performance socks for foot problems. Winner of the Japan Institute of Invention and Innovation's Invention Award!

#### NISHIGAKI SOCKS CO..Ltd

Address: 61 Otani, Yamatotakada-shi, Nara Prefecture, 635-0076

Tel: 074-552-0088

URL: https://www.nishikutu.co.jp/

#### Uniform socks for Osaka-Kansai Expo (Fatigue-Free Socks)

We develop and manufacture our own high-performance sock and support brand, EconoLeg. In 2020, we received the Kinki Regional Invention Award from the Kinki Bureau of Economy, Trade and Industry for our fatigue-resistant insole socks. Our technology was also used in the Fatigue-Free Socks for the Osaka-Kansai Expo uniform.

PR

Since our establishment 38 years ago in Yamatotakada City, a sock manufacturing hub, we have developed high-performance socks and supports based on our unique technology, leveraging a portfolio of 8 patents, 18 designs, 27 trademarks, and 5 foreign trademarks. We have also won the Kinki Regional Invention Award of the Japan Institute of Invention and Innovation nine times in eight consecutive year

Target



79

Well-being Tech

Booth Number: 3-192

Assist suit-developed and manufactured in-house

#### ATELIER-K Co...Ltd

Address: 4-5-12, Tadera, Himeji-shi, Hyogo Prefecture, 670-0086 Tel: 079-295-6581

URL: https://atk-assist.com

#### Assist Vest "TASCHEL"

Specialized manufacturer of assistive suits for reducing workload

PR

We started our business in 1996 as a design company for apparel products, shifting to a specialized manufacturer of assistive suits in 2012. We offer integrated manufacturing from development to production (production at our own factory).

Target

Companies with a large number of older workers or female workers that are considering a reduction in the workload of employees at manufacturing sites



80

**Well-being Tech** 

Booth Number: 3-191

Effective use of UV rays (185nm ozone generating rays, 254nm germicidal rays) for sterilization and deodorization

#### KYOKUTO CO..Ltd

Address: 4-6-23, Tatsumi-minami, Ikuno-ku, Osaka-shi, Osaka Prefecture, 544-0015 Tel: 06-6791-1575

URL: https://kyokutou.jp

#### Air sterilization and deodorization device Green Mate;

completely organic herbicide Kusakare-chan

Metal processing (press), plastic molding, mold making, manufacturing and sales of other original products

PR

Our company was founded in July 1968 as a mold-making business. Metalworking and plastic molding were added soon after, followed by the development, manufacture, and sale of original products.

Target

Corporations and individuals requiring countermeasures for various infection risks, including COVID-19 (medical and nursing care entities, educational institutions, etc., and more recently as a countermeasure for infection risks in evacuation centers during major disasters)

**Expand your business** by tapping into **Japanese** companies J-GoodTech

From the 3.6 million SMEs in Japan, companies determined to develop businesses overseas are registered collectively on J-GoodTech.

https://jgoodtech.smrj.go.jp/pub/en/

J-GoodTech

SEARCH



#### What is J-GoodTech?

Online Business Matching Platform for Japanese SMEs and the World!

# J-GoodTech

Online platform for connecting credible Japanese SMEs with companies across the world. Registrants include 24.000 strictly selected and pre-screened SMEs!!

### Why Japanese SMEs?



Unsung heroes of globally respected quality and performance embedded in Japanese products are many Japanese SMEs. Cultural tradition of Kaizen, precision, organizational strength, and sense of cooperation breathes life in the products. Without a doubt, these SMEs will be great partners for you.

## How to find Japanase SMEs.

## Simply enter key words in J-GoodTech search box

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#### New Value Creation Exhibition in Future Monodzukuri International EXPO 2024

Eighty small and medium-sized enterprises (SMEs) from all over Japan will exhibit at the 'New Value Creation Exhibition in Future Monodzukuri International EXPO 2024' with the aim of expanding their sales channels using the expo as a commercial opportunity. Visit the 'New Value Creation Exhibition' to discover SMEs offering innovative products and the best in advanced technology.During the exhibition, free advice will be available to those looking to develop and expand overseas sales channels, and there will also be an 'Osaka-Kansai Expo Zone'. We look forward to seeing you there.



47	STC	3-164
48	Caz International	3-178
49	TAKAMATSU TEISAN	3-177
50	DENTO Japan Ind	3-176
51	H&C TECHNICALLABORATORY	3-175
52	Sensyo	3-174
53	lijima Machinery	3-184

# Robots and Robotics Related Technology 54 SION SYSTEM 3-100 55 MUTSUMI INDUSTRY 3-110

#### Advanced Technology 56 SiB 3-188 57 TSUGAWA 3-187 58 Snowlion 3-186 59 SalesOne 3-185 60 SOUYA 3-198 61 International Technology Transfer 3-197 62 HACHIX 3-196 63 Logica Education 3-195 64 DigitalMirai 3-194

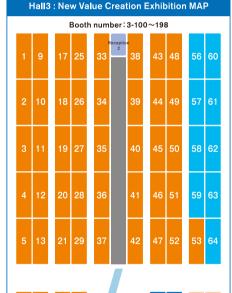


**Factory Construction and** 

**Disaster Prevention** 

72	MUROZUMI-SEKKEI	3-170				
73	Oisaka Electronic Equipment	3-180				
74	Sonas	3-190				
Well-Being Tech						
75	KAWABE SHOKAI	3-183				
76	Matsui Shikiso Chemical	3-182				
77	TAKAYAMAKASEI	3-181				
78	NISHIGAKI SOCKS	3-193				
79	ATELIER-K	3-192				
80	куокито	3-191				







Visiting the EXPO



Visitors to the exhibition must register for the Future Monodzukuri International EXPO 2024. Please register using the QR code on the left.