



中国国际进口博览会
CHINA INTERNATIONAL
IMPORT EXPO

Exhibitor & Exhibit Information of the Third China International Import Expo

General No. 26

Intelligent Industry & Information Technology (No.5)



新 时 代 共 享 未 来
NEW ERA, SHARED FUTURE



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Notice for Reading

Dear readers and users of the *Exhibitor and Exhibit Information of the Third China International Import Expo*,

On the basis that exhibitors volunteer to provide relevant information, the China International Import Expo Bureau (hereinafter referred to as the "CIIE Bureau") compiles, not for profit, and freely provides the *Exhibitor and Exhibit Information of the Third China International Import Expo (CIIE)* (hereinafter referred to the *Exhibitor and Exhibit Information*) in order to timely provide buyers and relevant units with information about the exhibitors and their exhibits and facilitate the matchmaking and negotiation before the CIIE.

The information on relevant exhibitors, their commodities or services has been provided by corresponding exhibitors of the third CIIE. Meanwhile, such exhibitors will be liable for the truthfulness, accuracy, and validity of what they have provided. The CIIE Bureau just collects, arranges, and releases relevant information.

When you read or use the *Exhibitor and Exhibit Information*, please contact the CIIE Bureau timely if any untruthful or unfaithful information is found, for prompt verification and correction. If any suspected illegal condition is found, relevant legal provisions can be referred to for disposal or please immediately contact the CIIE Bureau and we will remind relevant units for rectification.

It is hereby declared.

Contact: zsc@ciie.org

China International Import Expo Bureau

July 2020



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Introduction to Exhibition Area

With advanced technologies at its core, the Intelligent Industry & Information Technology Exhibition Area leads the innovation trend of this industry and attracts important exhibitors and buyers in the field, providing a communication platform for the global manufacturing industry; it is also a high-end display and communication platform of international manufacturing enterprises for promoting transformation and upgrading and facilitating high-quality development.

Based on the automation and intelligent manufacturing, the Intelligent Industry & Information Technology Exhibition Area will put emphasis on integrating the industrial development trends, including high-speed precision, flexible integration, demand personalization, enlargement and recombination, green and energy conservation, customization, integrated solution and product lifecycle management. In this exhibition area, global leaders in various segments of the equipment manufacturing industry will intensively display high-end equipment and key technologies, and share the latest development ideas of the industry, thus inspiring the application imagination, boosting

innovation and transformation, and leading new development trends of the industries such as automation, intelligence and customized manufacturing.

Meanwhile, the Green Technology Special Exhibition Zone will be established. Adhering to the idea of energy conservation and environmental protection, the Green Technology Special Exhibition Zone aims to drive the trend of "green manufacturing", display international cutting-edge equipment for and solutions to energy conservation and environmental protection, and synchronously conduct supporting activities like the matchmaking conference during the CIIE, covering such key fields as conservation of energy and water & new energy, comprehensive recycling of resources and environmental protection. The exhibition themes include clean energy heating, beautiful countryside, Yangtze River protection, turning waste into wealth, conservation of oil, gas and water, and green industrial parks.



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Hitachi, Ltd.

◆ Brief Introduction to Exhibitors

Established in 1910 and headquartered in Tokyo, Japan, Hitachi, Ltd. is a Fortune Global 500 company and has already participated in the first and second CIIE. It is committed to the Social Innovation Business combining its control operational technology, information technology and products to create new value and contribute to solving social issues, as well as delivers digital solutions in five sectors including mobiles, smart life, industry, energy and IT. Hitachi Group has more than 100 affiliated enterprises in China, with about 40,000 employees. Its sales volume in the Chinese market has reached about RMB 66 billion, accounting for about 11% of the total global sales volume of Hitachi Group. It has been vigorously promoting the development of the smart city, intelligent manufacturing, health care for the elderly, etc., and is committed to making positive contributions to China's social development and industrial upgrading through "Hitachi's Social Innovation Business".

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◆ Highlights

Hitachi Particle Therapy System

Hitachi has been proactively promoting particle therapy system business worldwide, supplying world-class facilities around the world with its highly reliable and proven particle therapy systems, which have treated more than 60,000 patients. Protons extracted from hydrogen atoms, or carbon ions are accelerated up to 70% of the speed of light. This energy is concentrated directly on the tumor while minimizing radiation dose to surrounding healthy tissue. It includes proton therapy (hydrogen atoms are accelerated) and heavy-particle therapy (carbon ions are accelerated). Particle therapy ensures the quality of life for cancer patients since the patient experiences less pain during treatment and the procedure has very few side effects compared to those of traditional radiotherapies. With customer needs, Hitachi will provide system and services, including the single-room solution in realizing installation in urban limited areas and hybrid system combined with the capability of generating both proton and heavy-ion in one accelerator.



Pictures 1 and 2: Product Diagrams of Hitachi Particle Therapy System



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Canon Group

◆ Brief Introduction to Exhibitors

Established in 1937 and headquartered in Japan, Canon Group is a Fortune Global 500 company and has already participated in the first and second CIIE. With optical technology as the core, its business scope is wide, covering office products, imaging system products, medical system business, industrial equipment and other products. Over the past 40 years, Canon has formed a large enterprise group consisting of 4 R&D enterprises, 7 production enterprises and 4 sales enterprises in Chinese Mainland, with a complete industrial chain.

Official Website: <http://www.canon.com.cn/>

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◆ Highlights

TBA-FX8 Automated Clinical Chemistry Analyzer

TBA-FX8 realizes the module development and can be flexibly incorporated into the laboratory pipeline system. In terms of the single module, the analyzer can complete 2,000 biochemical tests per hour with

an electrolyte dissolution rate of 600 tests/hour. A total of 100 items can be tested simultaneously with between-sample contamination of less than 0.1 ppm and sampling by a 3D intelligent robotic arm. It has reagent compartments with a large capacity, up to 180 test positions, A/B dual system, and a minimum reaction volume of 80 uL.



Pictures 3, 4, 5 and 6: Product Diagrams of TBA-FX8 Automated Clinical Chemistry Analyzer

Alphenix Medical Angiography System

It is the main equipment in interventional therapy. X-ray is used to see the stenosis in the blood vessel or the blood supply vessel of the tumor, which can help doctors complete the implantation of the endovascular stent or the closure of the blood vessel of the tumor by using the minimally invasive interventional technology, and greatly reduce the surgical risk. An ultra HD flat panel detector with a center pixel of 76 μm is equipped to provide more powerful support for the

development of interventional therapy. The system supports massive processing of HD data and features a 16-bit digital architecture of patient image collection, processing and output to achieve an accurate noise reduction of patient images. The new Tablet intelligent touch control center integrates mechanical motion, image retrieval, software application and other functions, which greatly reduces the treatment time of patients for doctors. Equipped with rich high-end clinical functions, it can assist doctors to complete the interventional examination and treatment of the head, heart, abdomen, limbs, etc., making the operation more accurate. To provide an ultra-low radiation treatment environment for patients, the radiation dose used by its Illuvis smart imaging platform is only about 1/2 of that of like products.



Pictures 7 and 8: Product Diagrams of Alphenix Medical Angiography System

OCT-HS100 Optical Coherence Tomography

The Canon OCT-HS100 has an A-scan velocity of 70,000 scans/sec and a claimed axial resolution of 3 μm results in high-quality images, with choroid and vitreous mode scanning modes. Its 13 mm scan width improves the quality of retina diagnosis.

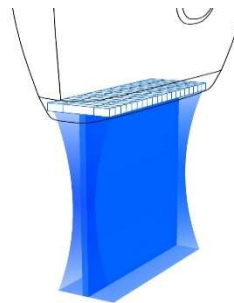


Pictures 9 and 10: Product Diagrams of OCT-HS100 Optical Coherence Tomography

Ultrasound Diagnostic Device Aplio i900 (TUS-AI900)

The new iBeam Architecture, with advanced technology for beam transmission and processing technology, brings clearer images. With Aplio i-series intelligent Dynamic Microslice (iDMS), the 3D acoustic beam-forming technology, precise cutting of sound beam thickness is realized and higher lateral resolution is achieved to improve imaging quality. Aplio's i-series 24 MHz transducer with extended bandwidth breaks the bottleneck of the transducer technology, covers the bandwidth of two traditional transducers, and expands the clinical application. Aplio i900's Attenuation Imaging provides an objective quantitative tool for the fatty liver; SMI (Superb Micro-vascular Imaging) can detect low-speed micro-circulation signals and obtain the imaging of subtle changes of

blood flow with high definition and high frame frequency. It supports 3D right ventricle analysis function, Shear Wave imaging with Smart Maps, HD angiography and 3D/4D imaging, intelligent fusion and navigation, and other advanced applications. Aplio's i-series have won the "Nikkei Award for Excellence", while the 3D right ventricle analysis function and 24 MHz transducer won the "Technology Award of the Japan Society of Ultrasonics in Medicine".



Pictures 11, 12, 13 and 14: Product Diagrams of Ultrasound Diagnostic Device Aplio i900 (TUS-AI900)

Aquilion ONE GENESIS

With 0.275s ultra-fast rotation speed and 80 images per second reconstruction, Aquilion ONE GENESIS integrates Canon's new hardware and software technologies and uses Canon's latest artificial

intelligence technologies to realize artificial intelligence from scanning plan setting, image data reconstruction and image diagnosis post-processing.



Pictures 15, 16 and 17: Product Diagrams of Aquilion ONE GENESIS

Aquilion Lightning

Aquilion Lightning is made up of PUREVision detector, liquid bearing tube and PUREOptics which is a fully new image chain. It features AIDR 3D Enhanced iterative technology, SUREKV, SUREExposure 3D and other MicroDose technologies, enabling conventional low-dose scanning to obtain high-quality images. With a flexible color imaging technology and an originally imported workstation, it can help doctors obtain blood vessels, color iodine diagrams and other clinical results with zero click.

Picture 18: Product Diagram of Aquilion Lightning



Vantage Galan 3T

The Vantage Galan 3T, with PURERF Tx RF shielding technology for optimal image quality, pianissimo technology that delivers whisper-quiet scanning, and a wider bore, highlights "people-oriented" humanistic care design concept to adapt equipment to people.



Pictures 19 and 20: Product Diagrams of Vantage Galan 3T

G6080 Printer

This printer is equipped with the new version of ink cartridge and wired and wireless printing functions, supports automatic double-sided printing and front and rear paper feeding methods, and has a printing capacity of 6,000 pages (economic model of 8,300 pages) in terms of black and white documents and a printing capacity of 7,700 pages in terms of color documents, with clear text printing.



Pictures 21: Product Diagram of G6080 Printer

EOS 5D Mark IV Camera

The EOS 5D Mark IV records 30.4 effective Megapixels, features an ISO range of 100–32000 (expandable to 50–102400), and comes equipped with a high-performance DIGIC 6+ image processor and an approximately 150,000-pixel RGB+IR metering sensor. Focus accuracy has been improved with a refined 61-point AF system and the Dual Pixel CMOS AF. It captures Digital Cinema (DCI) standard 4K (Motion JPEG) videos of 4096 x 2160 pixels at up to 30 fps and supports time-lapse videos /HDR videos.



Pictures 22 and 23: Product Diagrams of EOS 5D Mark IV Camera

iR-ADV C3730 Cloud Office Solution

It prints 30 pages per minute (A4) regardless of black and white or color documents. With 3GB memory, 250G hard disk and hard disk data eliminating function, Wifi, remote operation components, and multiple sending components, this printer can scan up to 270 pages per minute. In addition, the super cloud printing solution is equipped, which can realize the self-service printing by WeChat or Alipay. No server is required and simple installation makes it suitable for various industries.



Picture 24: Product Diagram of iR-ADV C3730 Cloud Office Solution

imagePROGRAF PRO-561 Printer

This 60-inch large-format printer uses 12-color pigment ink for higher output accuracy and color saturation in GIS, utility sector, high-end imaging, art reproduction and other printing applications. It is equipped with 3GB memory and 500GB self-encrypted hard disk,

featuring stronger data processing capacity and data security. With an auxiliary ink cartridge, it is hot pluggable that can support cartridge replacement during the printing process to avoid printing waste caused when the ink runs out. This printer is also equipped with an intelligent duplex system, automatic feeding operation and larger paper loading capacity, which is convenient for efficient and continuous output.



Pictures 25 and 26: Product Diagrams of imagePROGRAF PRO-561 Printer

Briefcam Video Analytics Solution

It is an innovative and extensible platform for video analysis that utilizes leading algorithms for detection, classification and identification across object classes and attribute behaviors, with simple and efficient system operation.

市场形势
有限的应用和覆盖率=有限的价值 BriefCam

<p>基于摄像机的视频分析: 提供简单的视频分析, 但受制于摄像机处理能力</p> <p>单点解决方案: 提供有限的视频分析, 如人员计数, 报警等</p> <p>人脸识别: 视频分析的重要组成部分</p> <p>基于VMS的视频分析: 受制于硬件的处理能力, VMS平台的限制, 设备投入产出比</p>	<div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px; background-color: #f0f0f0;">Review</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px; background-color: #ffcc00;">Research</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 2px; background-color: #008000; color: white;">Respond</div>
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Picture 27: Product Diagram of Briefcam Video Analytics Solution

Canon varioPRINT 6330 Titan + CP Bourg

It is a green, automated and on-demand publishing solution for publishers and fast print factories. Since traditional printing equipment needs mass printing, accompanied by a serious inventory, a high logistics cost, and great pollution, it is difficult to meet the printing demand of some professional books or materials with a large variety and a small quantity. Canon launches the green and on-demand whole process solution, which can meet the needs of science and technology, professional and customized publications with a large variety and a small quantity. For publishing houses and fast printing factories, this solution can achieve the "high function of products" because only one person is needed to complete the production demand. It can improve productivity and efficiency, and effectively reduce personnel cost consumption. Meanwhile, automated process control can greatly reduce the error rate.



Picture 28: Product Diagram of Canon varioPRINT 6330 Titan + CP Bourg



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Apex Tool Group

◆ Brief Introduction to Exhibitors

Established in 2010 and headquartered in the USA, Apex Tool Group is one of the largest manufacturers of professional power and hand tools in the world, serving the vehicle assembly, agricultural machinery, aerospace, construction machinery, household appliances, rail transit and specialized DIY markets.

Official Website: <http://www.apextoolgroup.com>

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◆ Highlights

Cleco Assembly Tools



Picture 29: Product Diagram of Cleco Assembly Tools

Cleco Material Removal Tools



Picture 30: Product Diagram of Cleco Material Removal Tools

Cleco Drilling and Riveting Tools



Picture 31: Product Diagram of Cleco Drilling and Riveting Tools

Weller Solutions



Picture 32: Product Diagram of Weller Solutions

Apex Sockets



Pictures 33, 34, 35, 36 and 37: Product Diagrams of Apex Sockets



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EMAG Group

◆ Brief Introduction to Exhibitors

Established in 1867 and headquartered in Germany, EMAG Group has already participated in the first and second CIIE. EMAG Group offers the machine tools and complete manufacturing systems for chucked parts, shaft parts, and prismatic components, as well as inverted vertical lathes and inverted multi-functional production center service. Its business is mainly distributed in automobile manufacturing and supporting industries, machinery manufacturing industry, aerospace industry, renewable energy industry, electric power and petroleum industries. In 2003, the market company EMAG CHINA, Shanghai, was founded. EMAG Machine Tools (Taicang) Co., Ltd. was founded (today EMAG (China) Machinery Co., Ltd. Taicang Branch) in 2004. As a wholly-owned subsidiary of EMAG Group in China, it covers an area of 10,000 square meters, with 170 employees. Its sales were EUR 200 million in 2017. EMAG Group is mainly devoted to customized services for assembling and producing the high-performance inverted vertical CNC lathes and sold all the products manufactured by the group, including inverted vertical lathes, grinding machines (including external and internal cylindrical grinding machines,

and camshaft grinding machines), crankshaft grinders, gear hobbing machines, laser welding machines, shrunk-on assembly equipment, induction heat treating equipment, oil pipeline threading machines and electrochemical machines.

Official Website: <https://www.emag.com>

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◆ Highlights

Universal Solution for Powertrain Components - ELC 160

Laser welding is key in the flexible production of weight-optimized vehicle components necessary for the production of energy-efficient vehicles. Outstanding technology and the relevant expertise in process development to match are essential for the use of laser welding in the production process.

The ELC 160 is a very versatile machining platform, perfect for a wide range of production processes. This system can be used as both a single-slide machine or in its two-slide version for special applications.

With the “moving workpiece - fixed beam” EMAG concept, the ELC 160 maximizes performance and operational safety. With its advancements in safety and productivity, the ELC 160 appeals to a number of different manufacturers and is used to produce powertrain components around the world.

The ELC 160 is a modular system that can be configured to fit a wide range of production processes. The three-axis NC machining module is the heart of the system, and the stationary process modules are mounted to the base. Parts are loaded into the spindle and then moved to the individual stations where stationary components machine the workpiece.



Picture 38: Product Diagram of ELC 160 Laser Welding Machine

Horizontal Gear Cutting Machine - HLC 150 H

Covering a unique spectrum of production applications, the HLC 150 H stands out because of the number of innovations included. The machine's ability to hob either straight, angled, or worm gear profiles on a wide range of geometries (short gears or long shafts with gear profiles), puts all of EMAG KOEPFER's expertise at the user's disposal. To compliment this machine's abilities, a device for chamfering and deburring of components during loading and unloading, without interrupting operation is also included. Together, these features allow for the perfect gear-cutting solution with short cycle times and minimized costs. For workpieces with the appropriate geometry, the HLC 150 H can

be equipped with the chamfer cut process. This process is ideal for an accurate, cost-efficient chamfering process that produces zero secondary burrs. This high-performance technology has the capability to produce a massive variety of workpieces, from gear shafts and armature shafts, to pinions and planetary gears, with a maximum length of up to 20 inches.



Pictures 39 and 40: Product Diagrams of HLC 150 H Horizontal Gear Cutting Machine

W 11 CNC External and Internal Cylindrical Grinding Machine

W11 CNC is perfect for single parts, prototypes, and small production runs. This system can be easily operated by using a traditional button panel or an intuitive touchscreen control panel through the modern CNC control system. If the diamond grinding wheel and workpiece are set, the dressing amount can be adjusted automatically and the workpiece with several diameters can be automatically ground. Data input and system control can be achieved entirely through the touchscreen. Data can be quickly exchanged on a desktop computer via a USB interface. If required, a DXF converter and a geometry editor, and a MK 4 to MK 6 spindle mount with a speed of up to 1,000 rpm are also available.



Picture 41: Product Diagram of W11 CNC External and Internal Cylindrical Grinding Machine



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CREAFORM INC.

◆ Brief Introduction to Exhibitors

Established in 2002 and headquartered in Canada, Creaform is a leading technology enterprise in the field of 3D measurement technology and engineering services, and an exhibitor of the second CIIE. With headquarters and manufacturing operations in Lévis, Québec, Creaform operates innovation centers in Lévis and Grenoble, France, and has direct sales operations in Canada, the United States, Mexico, Brazil, France, Germany, Italy, Spain, China, Japan, South Korea, Thailand and Singapore. It provides innovative application solutions for a variety of industries, including automobile, aerospace, consumer goods, heavy industries, healthcare, manufacturing, oil and gas, power generation, research and education. In 2007, Creaform established its Shanghai Office as its branch to manage its business operation in China.

Official Website: <https://www.creaform3d.com>

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◆ Highlights

Metrology-Grade Portable 3D Scanner HandySCAN BLACK

Metrology-Grade Portable 3D Scanner HandySCAN BLACK combines high-performance 3D scanning with improved optics, multiple blue laser technology and ergonomic design. It sets the standard for measurement, regardless of size, material or complexity, within seconds anywhere. With 4X resolution, 3X faster measurement speed, instant mesh and larger scanning area, it features 11 blue laser crosses that take up to 1,300,000 measurements per second. Its volumetric accuracy is 0.020 mm + 0.040 mm/m and it only costs several seconds from scan to grids. In 2019, 3D Scanner HandySCAN BLACK won the Red Dot Award: Product Design.



Pictures 42, 43 and 44: Product Diagrams of 3D Scanner HandySCAN BLACK

For other 6 products, please click the following link:

<https://www.creaform3d.com.cn/zh/ji-liang-jie-jue-fang/ji-liang-chan-pin>



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Official APP



Official WeChat

We are looking forward to seeing you at the third CIIE.

