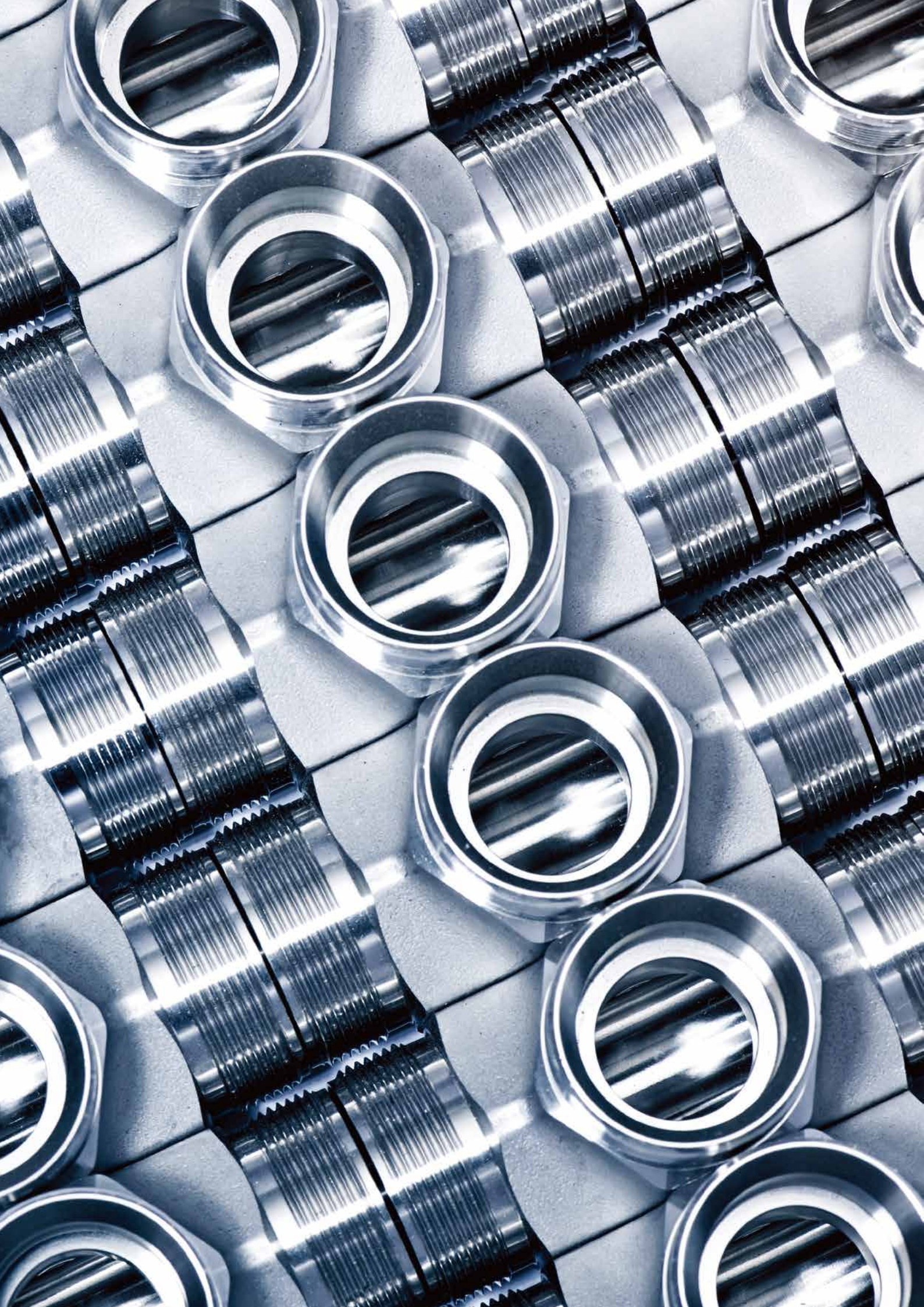


JPE

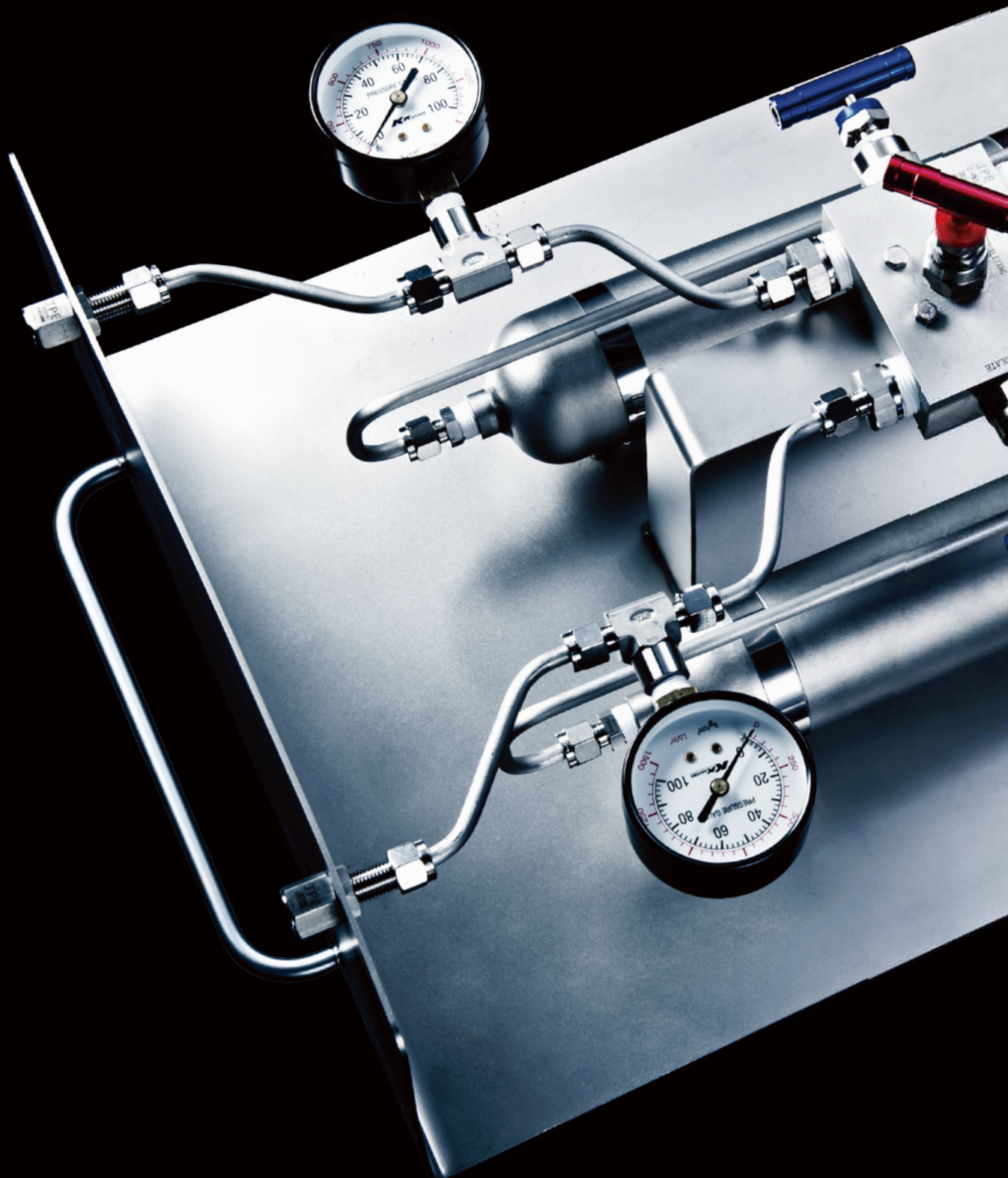
YEAN HERN CORP.



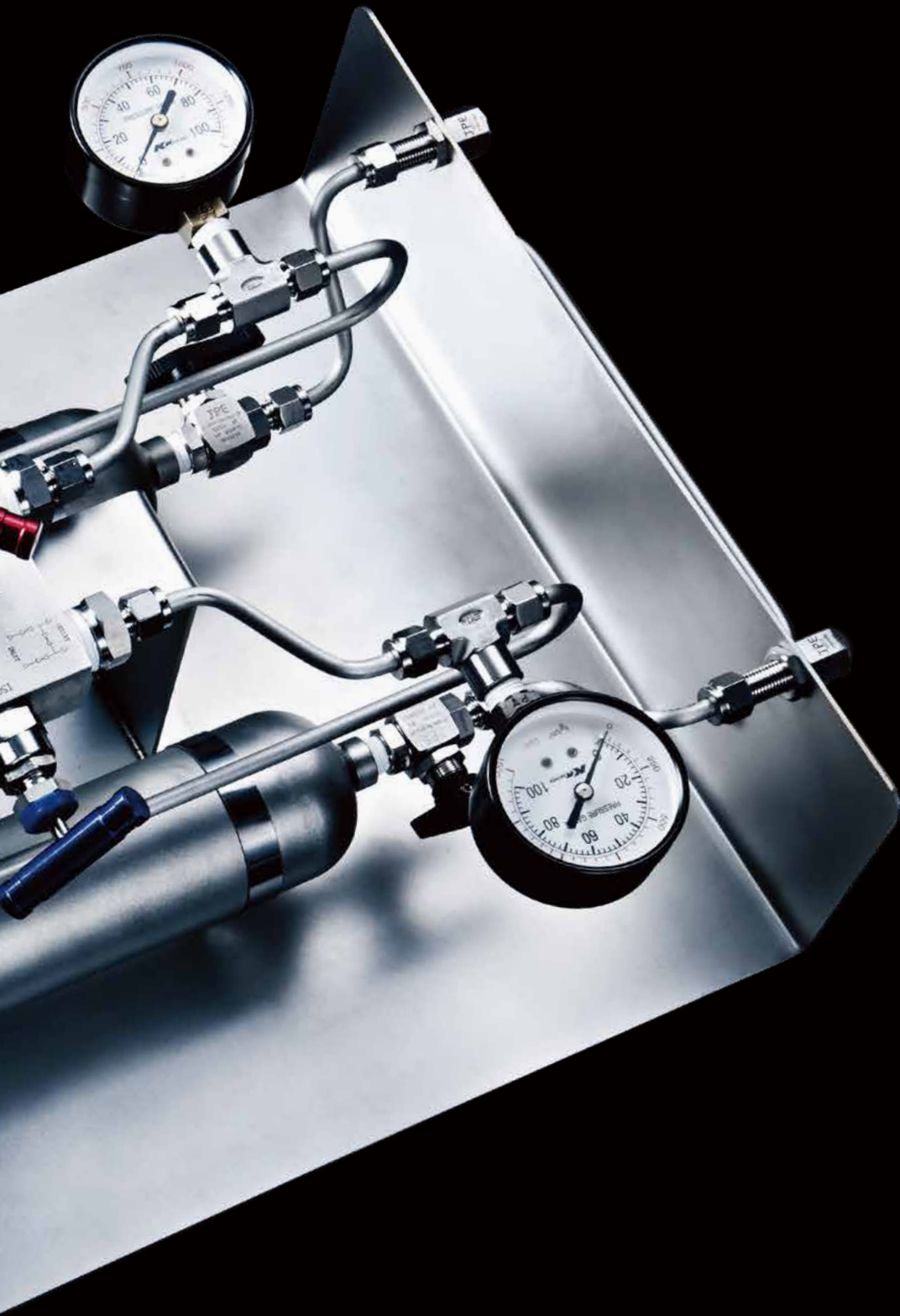


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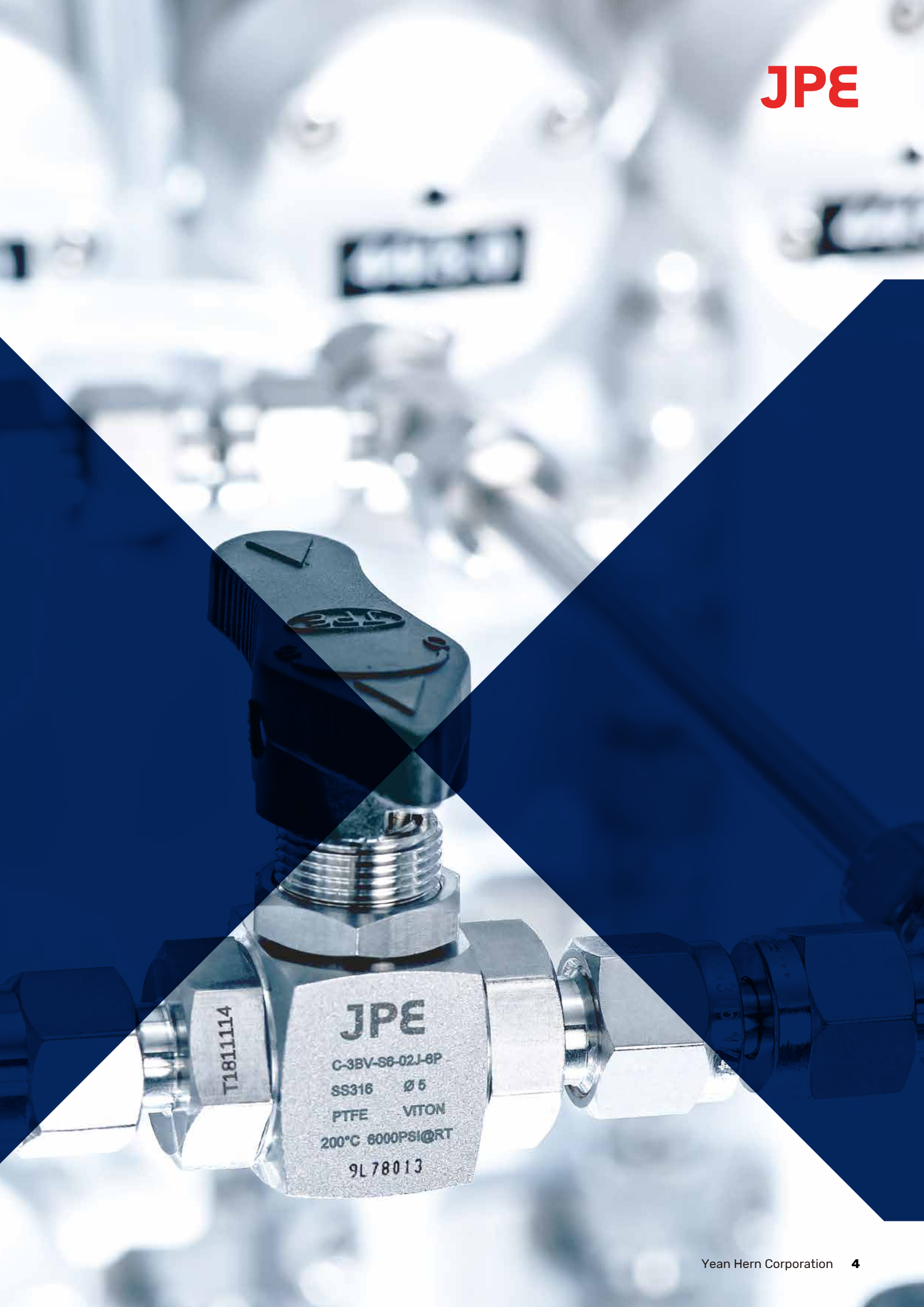
JPE



**TURN PRESSURE
INTO POWER**

BUILT FOR DEDICATION

JPE, also known as **Yean Hern Corporation**, specializes in manufacturing and selling instrument tube fitting, pipe fitting instrument valve, valve manifold, pressure reducing regulator, hydraulic fitting, pneumatic fitting, quick coupling, hose fitting, stainless steel seamless tube, various tubing, metal and teflon hose products etc.. JPE headquarter is in Kaohsiung, Taiwan and it has two production plants in both Kunshan, China and Kaohsiung, Taiwan. Since the company was founded in 1982, JPE has upgraded and transformed from a trading company to a manufacturing corporation and has become the leading brand in the industry. JPE represents outstanding performance in research and development, product design, mass production, and global sales activities.



JPE
C-3BV-S6-02J-6P
SS316 Ø5
PTFE VITON
200°C 6000PSI@RT
9L78013

T1811114

Connecting the World



Over the past 40 years, JPE has made great strides: Products are widely applied in the industries of steel, petrochemical, oil refining, power plant, pulp & paper, pharmaceutical, food, electronics, semi-conductor, analyzer, marine, industrial gases and new energy etc.. Based on the core values of practical, trustworthy, precise, and sustainable, the team has driven significant growth of sales performance every year in order to ensure the continuous development for both enterprise and business.

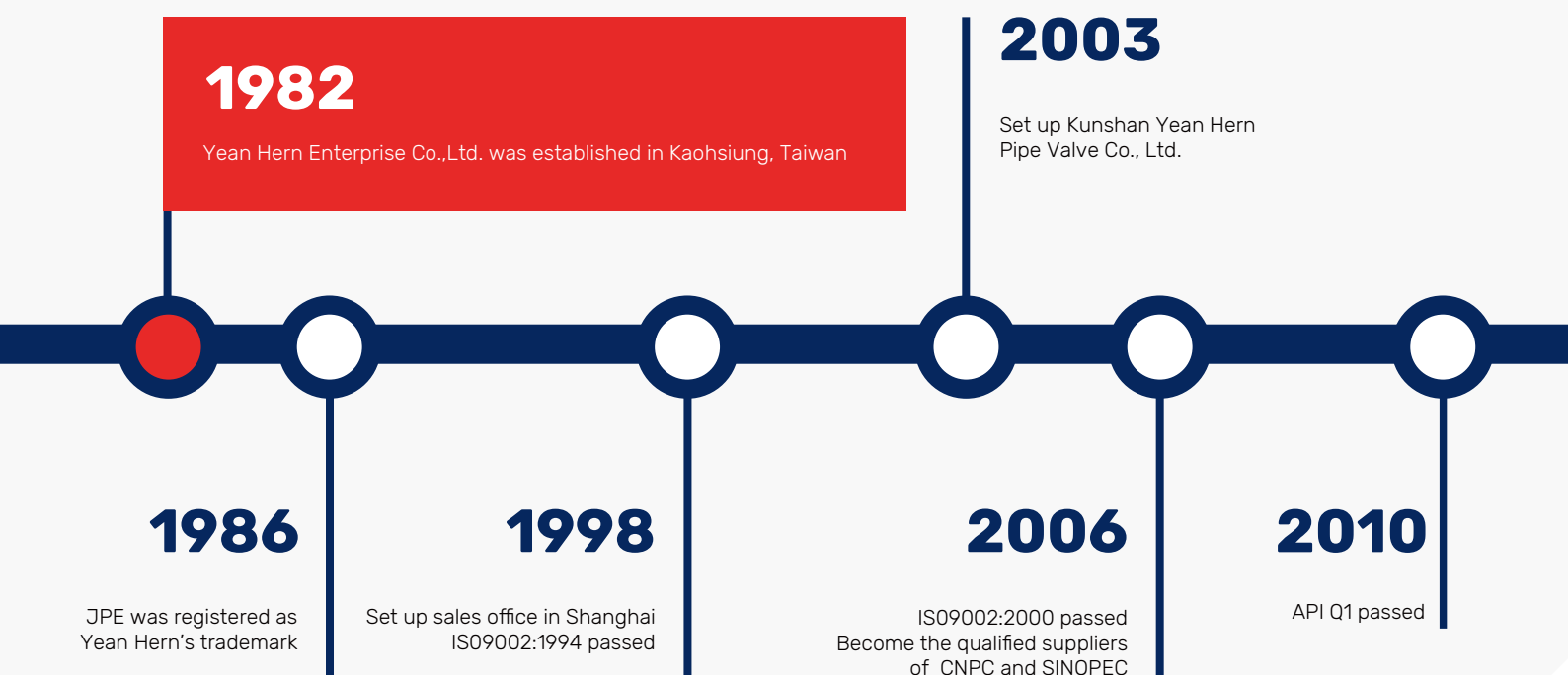


Nowadays, over 60% of JPE products are exported to worldwide business partners, for example, the U.S.A., Middle East, Australia, New Zealand and greater Asia. Including CNPC, CPCC, Hengli, CNTCC, CIMC Enric, SINOSTEEL, TaiPower, CPC Corp., FPG, CTCI Corp., CCPG, etc. are our main customers for a long time. We are in the approved vendor list of TSMC, AP, SABIC, Petronas, Wilhelmsen Ships Service AS as well.

Witness of Our History

To develop the market and enhance the relationship with customers in China, Shanghai Yean Hern Industry & Trade Co., Ltd. was founded in Shanghai in 1998. Soon in 2003, Kunshan Yean Hern Pipe Valve Co., Ltd. was established in Kunshan, Jiangsu to take the place of Shanghai Yean Hern Industry & Trade Co., Ltd. to meet Chinese customers' demands of special work pieces, customizations, technical supports and better service.

Kunshan Yean Hern Pipe Valve Co., Ltd. went into production in 2005. And it was renamed as JPE Yean Hern Co., Ltd. in 2016. In 2014, the second factory of Kaohsiung, Taiwan went into production. To fulfill the demands from Taiwan, China and global customers, the 3rd factory in Taiwan started its operation in 2019. This new factory has integrated and upgraded production lines from previous two factories. It was well furnished with advanced machines such as CNC lathe machines, machining center, articulated robots, ultrasonic cleaners, clean rooms etc., and also equipped with various inspection facilities such as helium mass spectrometer leak detector and spectrometer in order to deliver the best quality and service to customers. From there the capacity has been increased dramatically and officially the company took the first step of being the major branded player in market. In order to provide better services to customers in the Chinese market, we set up and invest Zhangjiagang Office in 2020.





Quality Priority

Under our guidelines of "Completed System", "Scientific Management", "High Quality Product", and "Customer Satisfaction", JPE was accredited ISO 9001, API Q1, ISO 14001 and ISO45001, which is proof of our commitment to our customers' trust and loyalty in JPE products.

JPE uses the latest manufacturing technology and state of the art equipment; meanwhile, with strict implementation of the management system for all our operation processes and controls, built the product traceability system. We always provide the highest quality products to our customers. With persistence and effort, we have become one of the leading enterprises of valves and fittings. We provide services of assembling, training, consulting, repairing, and supplying of JPE products. We are always here to provide you with high quality products and excellent service.





Qualifications and Approvals





Product traceability system is only considered as the basis for JPE under the principle of continuous innovation and improvements, JPE team always strives for new patents and certifications. At the same time, in order to provide the better service for international clients, JPE has been recognized by many international business partners as their qualified or recommended suppliers during the past thirty years. Recently JEP R&D team has further challenged the high-standard certification tests, such as ISO 15848 low emission test and ASTM F1387 test, which has proven the product quality and manufacturing strength of JPE.

ISO9001:2015 | ISO 14001:2015 | ISO 45001:2018

Qualified Supplier

Petronas

CPCC

SABIC

CCPG

CPC Corp.

CNPG

CTCI Corp.

Hengli

ASTM F1387 Certified Excellent Quality

In the process of ASTM F1387, tube fittings go through various strict tests involving external forces and harsh working conditions. Following multiple cycles of reassemblies as part of the repeated assembly test, JPE tube fittings have demonstrated their ability to maintain leak-free and perfect performance.

The following is a summary of ASTM F1387 certification for our tube fittings :

Testing item	Testing method
A2 Examination of Specimen	ASTM F1387-19 Annex A2
A3 Pneumatic Proof Test	ASTM F1387-19 Annex A3
A4 Hydrostatic Proof Test	ASTM F1387-19 Annex A4
A5 Impulse Test	ASTM F1387-19 Annex A5
A6 Flexure Fatigue Test	ASTM F1387-19 Annex A6
A7 Tensile Test	ASTM F1387-19 Annex A7
A8 Hydrostatic Burst Test	ASTM F1387-19 Annex A8
A9 Repeated Assembly Test	ASTM F1387-19 Annex A9
A10 Rotary Flex Test	ASTM F1387-19 Annex A10
S2 Thermal Cycling Test	ASTM F1387-19 Supplementary Requirement S2
S3 Elevated Temperature Soak Test	ASTM F1387-19 Supplementary Requirement S3
S4 Stress Corrosion Test	ASTM F1387-19 Supplementary Requirement S4
S5 Torsion Test	ASTM F1387-19 Supplementary Requirement S5
S7 Fire Test	ASTM F1387-19 Supplementary Requirement S7
S8 Vibration Test	ASTM F1387-19 Supplementary Requirement S8

*According to ASTM F1387-1999(2012)

ISO 15848 The Industry-recognized Fugitive Emission Certification



As an internationally accepted regulation on low fugitive emission specially formulated for control and management of VOC fugitive emission in the petrochemical industry, ISO 15848 is designed to reduce the emissions from pipeline valves of the industrial equipment, thus preventing such valves from being the sources of air pollution. According to ISO 15848, for a qualified valve, its maximum allowable fugitive emission at its body seal shall be ≤ 50 ppmv, and that at the stem seal shall be divided into three types according to the materials; moreover, a qualified valve shall be able to resist five temperature changes in the test, and undergo multiple thermal cycling tests and mechanical actions. JPE valve series has been qualified in the ISO 15848 test, thus been recognized by the new international standards, demonstrating its outstanding quality, which contributes to air pollution control in the petrochemical industry.

Internationally proven products provide better reliability, better support to ensure the good operation of the system in harsh environments, reduce risk for users, and bring more security.

JPE Products

JPE INSTRUMENT TUBE FITTINGS

- Material available with SS316L, Brass or others
- Thread available with NPT, BSPT or other standard thread
- Size: 3mm~25mm (1/16"~1")
- Twin ferrules make assembling easier, torque won't be transferred to tubing during assembling



JPE PIPE FITTINGS

- Material available with SS304, SS316L, Brass or others
- Thread available with NPT, BSPT or other standard thread
- Size: 1/8"~2"



JPE VMS METAL GASKET FACE SEAL FITTINGS

- Size Range: 1/8"~1"
- Material 316L stainless steel can be applied in vacuum, gas, and liquid fields.
- Material 316L-VAR stainless steel available for semiconductor, biochemistry, pharmaceutical, and high-purity gas and liquid applications.
- Each component of JPE VMS metal gasket face seal fittings are precision manufactured with verified leak-tight performance.
- Oil free / oxygen clean



JPE CONE & THREAD MEDIUM PRESSURE FITTING

- Material: Strain-hardened 316L stainless steel
- Size Range: 1/4"~1 1/2"
- Working Pressure up to 20000psig (137.9MPa)
- Temperature range: -70°C to 315°C
- Customized materials available on request



JPE Products

JPE FLANGE ADAPTERS

- Material available with SS316L or others
- JPE tube end Size: 6mm~25mm (1/4"~1")
- Flange type: ASME standard



JPE QUICK COUPLINGS

- Material available with Steel, Brass, SS316, SS316L
- Connector type NL, QC, KS, NS series
- Working pressure: 100-3000 PSIG



JPE PROPORTIONAL RELIEF VALVES

- Material available with SS316L
- Suitable for liquid and gas
- Set pressures from 10PSIG-6000PSIG
- Various springs as options to meet set pressure
- FKM packing as standard, and other materials as options



JPE METERING VALVES

- Cold draw bar body, material complies with ASTM A276 / A479
- A variety of connection ends: JPE tube end or thread
- Maximum working pressure: 2000 PSIG @RT
- Precise flow control and shut-off design
- Panel mountable with bottom mounting hole
- Blow-Out Proof



JPE Products

JPE INSTRUMENT BALL VALVES

- Material available with SS316L, Brass or others
- A variety of connection ends: JPE tube end or thread
- Maximum working pressure: 6000PSIG
- Straight pattern for on/off function, 3-way pattern for switch function
- Size: 6mm~12mm, 1/4"~3/4"



JPE CASTING BALL VALVES

- Material available with SS316
- A variety of connection ends: JPE tube end or thread
- Maximum working pressure: 50KG
- Size: 1/4"~1"
- Straight pattern for on/off function



JPE 3PC FULL PORT HIGH PRESSURE BALL VALVES

- Material available with SS316L
- A variety of connection ends: JPE tube end or thread
- Maximum working pressure: 6000PSIG
- Full port
- Size: 1/2"~1"
- Temperature rating from -22°F to 265°F(-30°C to 130°C) with POM seat



JPE TRUNNION BALL VALVES

- Material available with SS316L
- A variety of connection ends: JPE tube end or thread
- Maximum working pressure: 6000PSIG
- Straight pattern for on/off function, 3-way pattern for switch function
- Size: 6mm~12mm, 1/4"~1/2"
- Low-torque



JPE Products

JPE 3 WAY CASTING SWITCH VALVES

- The product is applied in liquid gas storage tanks
- Temperature range: -320°F to 212°F (-196°C to 100°C)
Installation or testing of safety valves and rupture discs can be performed without venting the pipeline
- The three-way design allows for on/off or switching ports
- Maximum operating pressure: 1000 psig (69 bar) @RT
- Oil/oxygen clean



JPE CHECK VALVES

- Material available with SS316L, Brass or others
- A variety of connection ends: JPE tube end or thread
- Maximum working pressure: 6000PSIG
- Minimum cracking pressure: 1PSIG
- Size: 6mm~12mm, 1/4"~3/4"



JPE INSTRUMENT NEEDLE VALVES

- Forged/bar stock body with SS316L, Brass or others
- A variety of connection ends: JPE tube end or thread
- Maximum working pressure: 10000PSIG
- Size: 6mm~12mm, 1/4"~1/2"
- Straight/angle type construction
- ISO 15848 approved



JPE GAUGE VALVES

- Material available with SS304, SS316L or others
- Connections of 1/2" or 3/4" thread
- Maximum working pressure: 10000PSIG
- PTFE packing as standard, Graphite packing for option



JPE Products

JPE VALVE MANIFOLDS

- Material available with SS316L
- 2/3/5 valve manifolds
- Maximum working pressure: 6000PSIG
- PTFE packing as standard, Graphite packing for option
- Metal-to-Metal seat design



JPE MONOFLANGES

- Material available with SS304, SS316L or others
- Flange type: ASME standard
- Integrate valves into manifold substantially decrease the weight of pipeline system and reduce over 50% potential leaking point
- Provide the option of flange end connection for easier installation



JPE PRESSURE REDUCING REGULATORS

- Material available with SS316L or Brass plated nickel
- SS316L diaphragm
- A variety of input and output pressure ranges



JPE CRYOGENIC PRESSURE REGULATORS

- Material of forged body: Brass C3771
- Designed for industrial cryogenic container to regulate pressure
- Pressure-Reducing Regulator and Pressure-Boosting Regulator as options
- Oil free / oxygen clean



JPE Products

JPE FILTERS

- Material available with SS316L and Alloy
- Replaceable strainer elements are available in 10µm and 40µm, and mesh filter as option
- Size: OD 1/8"~1/2", 6~12mm, Male Thread 1/4"~1/2", Female Thread 1/4"~3/8"
- Maximum working pressure: In-Line 2500PSIG @RT, T-Type 6000PSIG @RT
- Type: In-Line and T-Type (No T-Type for mesh filter)



JPE STAINLESS STEEL SEAMLESS TUBES

- Material available with SS304, SS316L
- Size: OD 1/8"-1" 6mm-25mm
- Available stock for bright annealed tubes. For semiconductor industry, please specify required surface roughness Ra value.



JPE HOSES & COUPLINGS

- Stock for PU hose, PTFE hose, Nylon braided hose, SS flexible metal hose, PVC fiber reinforced hose and various connectors
- Customized for the connection



JPE CONDENSERS

- Material available with SS304, SS3161
- For low pressure gas to cool down



JPE Products

JPE SAMPLING BOTTLES

- Material of ball valve: SS316L
- Ball valve connections ends: JPE tube end or thread
- Only for sampling limited gas or liquid
- Size of glass sampling bottle: 50ml, 100ml, 500ml, 1000ml
- Working temperature: -50°C~80°C
- Sampling from tubes and pipes



JPE SAMPLING SYSTEM

- Customization and high efficiency can meet your specific application and needs
- Design and manufacture with the high quality and reliable components from JPE
- Portable device can do sampling directly on site without any other sampling station
- Additional instrumentation is available, including pressure gauges, meters or flow indicators

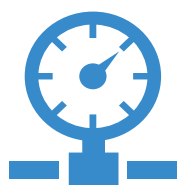


JPE AIR DISTRIBUTION MANIFOLDS

- Material available with SS304, SS316
- Inlet: Thread, flange or ball valve
- Outlet: Ball valve or quick coupling
- Depends on Customers' requirement to design different configuration
- Maximum working pressure: 3000PSIG



Main Factors for Selection Guide



PRESSURE



DIMENSION



TEMPERATURE



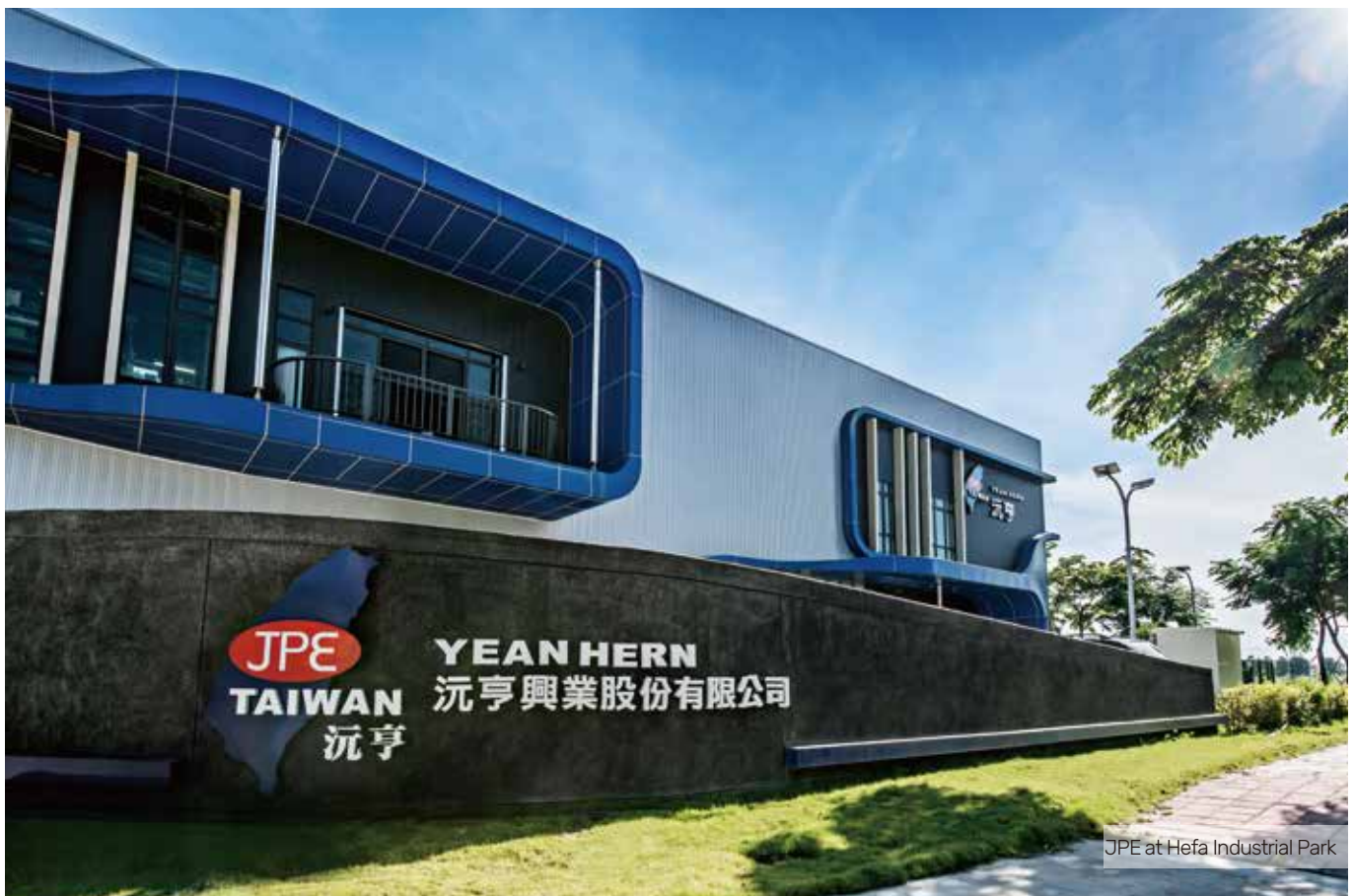
MEDIUM



MATERIAL

We also have a well-informed JPE selection manual, explaining the advantages and characteristics of each product line, providing complete product information and detailed specifications to help users choose the right JPE products and successfully complete the system task.

We believe in people-oriented management, manufacturing high-quality products, enhancing our competitiveness through proactive innovation, continuously improving ourselves through scientific management. We achieve sustainable business development by satisfying our customers' need with high quality products. We strive to establish our own corporate culture. Committed to promoting JPE globally and expanding our enterprise through ongoing collaboration, JPE and our partners enjoy enduring success together.



JPE at Hefa Industrial Park

MEMO

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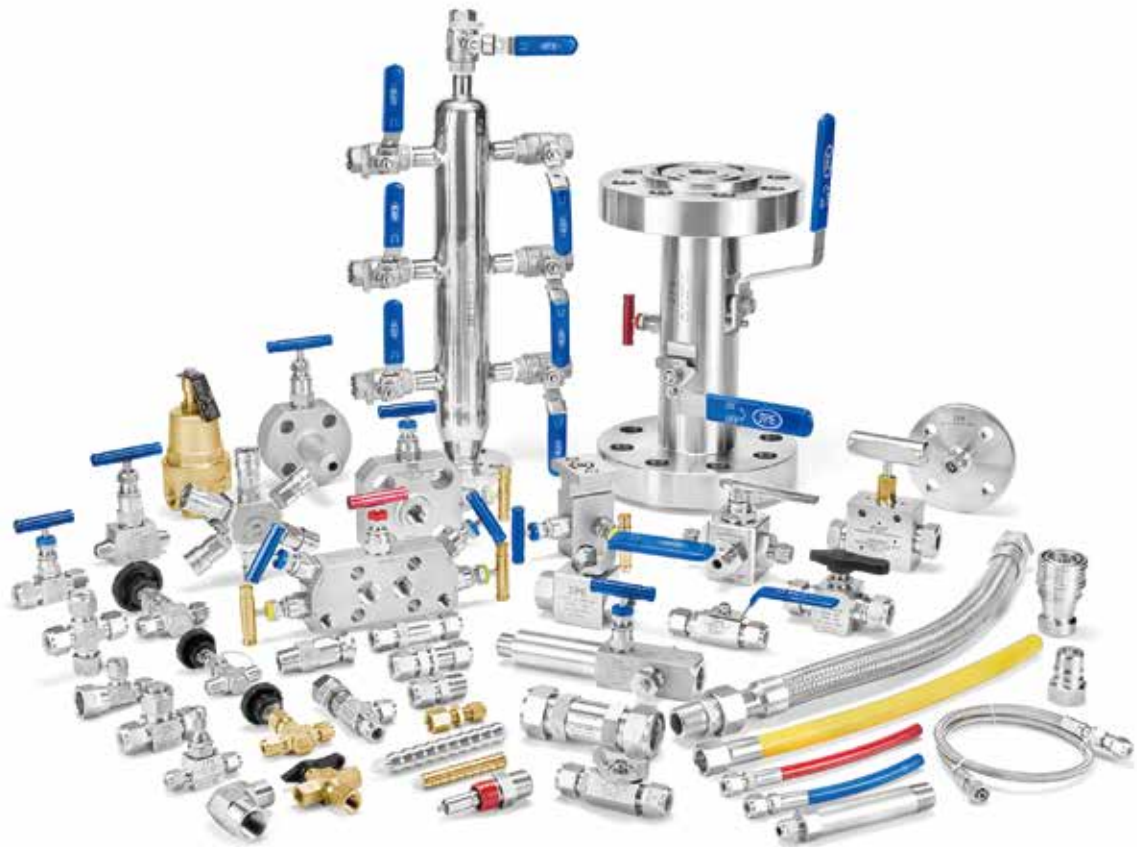
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JPE

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