



COMPREHENSIVE  
PRODUCT BROCHURE  
**综合产品手册**

压力、温度、液位、流量、测力、仪表及分析仪器  
Pressure, temperature, level, flow, force measurement,  
instrumentation and analytical instruments



## 公司简介 COMPANY PROFILE

齐亚斯作为一家全球化的科技品牌，能够为不同行业领域提供各种传感器产品，为日新月异的智慧化环境提供专业、可靠的高性能物联网及数字化解决方案；我们力求创新、倡导环保、坚持高品质和诚信理念，致力于发展成为传感器、物联网及数字化解决方案的科技制造型集团企业。

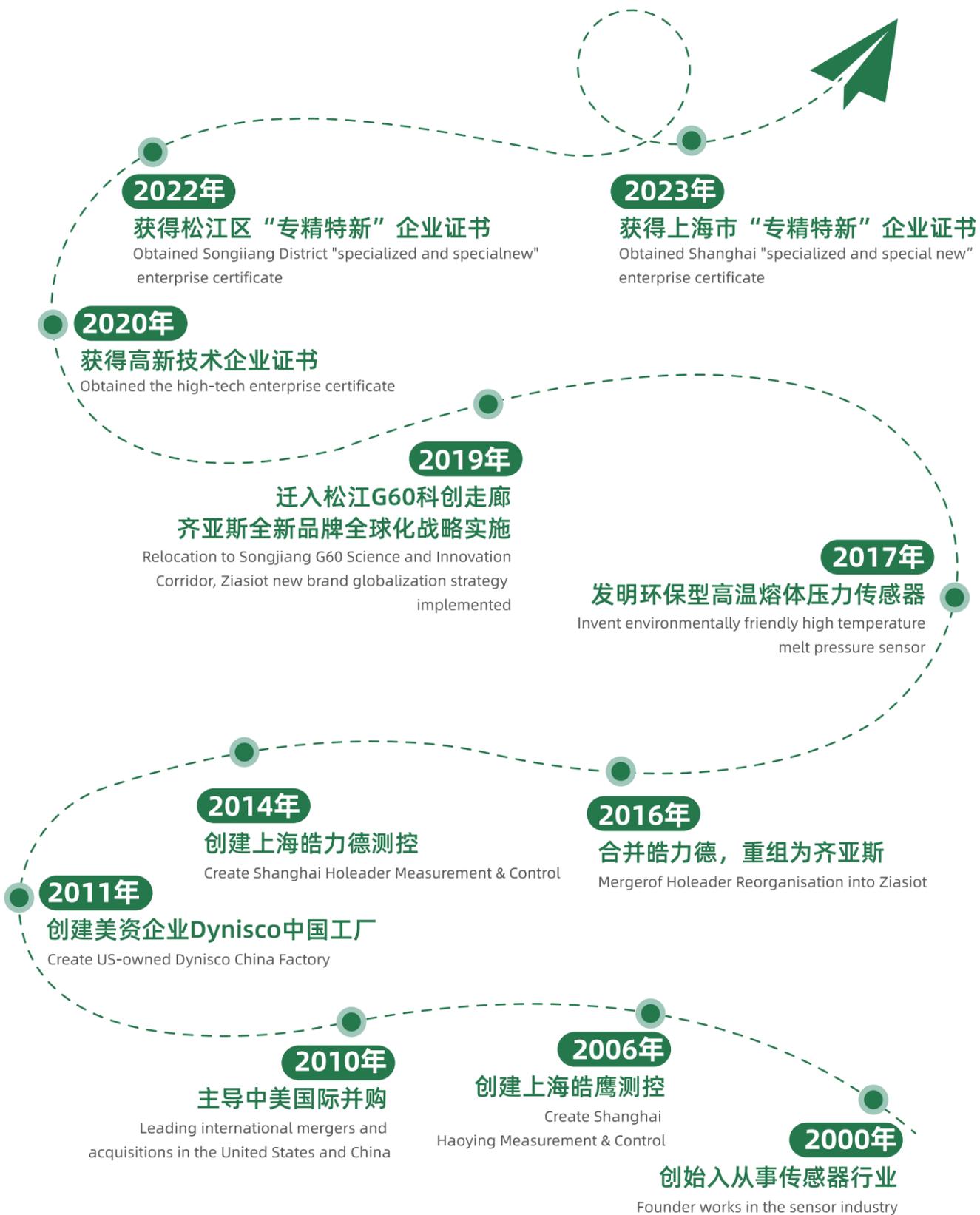
对于城市数字化、物联网、智能制造来说，传感器至关重要，齐亚斯能够为不同行业领域提供综合性的应用解决方案，包括了消防、交通、汽车、工业、医疗、环卫、家用电器、能源、航空、航天、军事、工业和商业运输等；齐亚斯团队成员拥有多年的行业经验和专业知识，建立了以客户需求为导向的组织架构，并不断地技术创新、获得多项产品专利，这使得我们在传感器、物联网以及数字化解决方案领域一直担当创新者角色，齐亚斯技术团队研发了环保型高温熔体压力传感器重新定义了高温熔体的压力测量的系统解决方案。

As a global technology brand, Ziasiot can provide a variety of sensor products for different industries, and provide professional, reliable and high-performance IoT and digital solutions for the ever-changing intelligent environment. We strive to innovate, advocate environmental protection, adhere to the concept of high quality and integrity, and strive to develop into a global technology manufacturing group with sensor, IoT and urban digital system solutions.

Sensors are vital for urban digitization, IoT, intelligent manufacturing, sensors are vital, and Ziasiot can provide comprehensive application solutions for different industry sectors, including fire, transportation, automotive, industrial, medical, environmental sanitation, household appliances, energy, aviation, aerospace, military, industrial and commercial transportation. Our team members have many years of industry experience and professional knowledge, established a customer-oriented organizational structure, constantly innovating technology, and obtained a number of national patents, which makes us in the field of sensors, IoT and urban digital system solutions have been an innovator role. The Ziasiot Technical team has developed an environmentally friendly high temperature melt pressure sensor that redefines the system solution for high temperature melt pressure measurement.

# 发展历史

## HISTORY OF DEVELOPMENT



# 企业文化

## CORPORATE CULTURE



# 发展理念

## DEVELOPMENT CONCEPT

我们始终坚持以客户至上，不断创新、稳步发展、自我完善；同时以培养人才为中心、打造优秀团队、与客户与员工分享精神价值和物质价值。

我们始终坚持以共同创造企业的未来为宗旨，多年来在理念的引导和全体员工的努力以及社会各界的关怀之下茁壮成长，奠定了稳定的发展基础；基于取之于社会用之于社会观念，不仅将回报与员工同享、客户同享、并以服务于社会为最终目标。

We always adhere to the customer first, continuous innovation, steady development, self-improvement; at the same time to cultivate talent as the centre, to create an excellent team, and customers and employees to share the spiritual value and material value.

We always adhere to the purpose of co-creating the future of the enterprise, over the years under the guidance of the concept and the efforts of all staff and the care of the community to grow, and laid a stable foundation for development; based on the concept of taking from the community and using in the community, not only will the return with the staff to enjoy the same, share the same with the customers, and to serve the community as the ultimate goal.

# 企业荣誉

## CORPORATE HONOR

- 上海市专精特新企业，上海市高新技术企业，上海市成果转化实施单位。  
Shanghai specialty New Enterprise, Shanghai High-tech Enterprise, Shanghai Achievement Transformation Implementation Unit.



- 所有品牌的研发和生产过程确保满足及具备ISO、ROHS、CE、CMC、CPA、EX、SIL等多项认证。  
The R&D and production process of all brands ensures that they meet the requirements of ISO, ROHS, CE, CMC, CPA, EX, SIL and other certifications.



# 技术研发

## TECHNIQUE R&D

- 随着市场需求的升级，我们不断创新，改良，升级产品体系，与生产工艺，自主研发多项产品，及生产设备，荣获发明专利，实用新型，软件著作等共计40余项自主知识产权。

With the upgrading of market demand, we continue to innovate, improve, upgrade the product system, and production process, independent research and development of a number of products, and production equipment, won the invention patent, utility models, software works, a total of more than 40 independent intellectual property rights.



# 未来愿景

## FUTURE VISION

我们力求创新、倡导环保、坚持高品质和诚信理念，致力于发展成为传感器、物联网及城市数字化系统解决方案的全球化科技制造型集团企业。

坚持以人为本、追求自我价值实现，通过对成员进行技术技能和思想培训来帮助他们成长，我们确保与每一位员工都在健康安全的工作环境中努力奋斗为公司和客户创造价值，并与每一位成员共享企业的发展成果。

We strive to innovate, advocate environmental protection adhere to the concept of high quality and integrity, and striveto develop into a global technology manufacturing group withsensor, Internet of things and urban digital system solutions.

Persist in people-oriented, the pursuit of self-worth to achieve,through the members of the technical skills and ideological training to help them grow, we ensure that with every employee in a healthy and safe working environment to workhard to create value for the company and customers, and share the fruits of development of the enterprise with everymember.

# 产品系列

## PRODUCT SERIES

智能差压/液位变送器  
Intelligent Differential  
Pressure/Level Transmitter



工业压力传感器  
Industrial Pressure Sensor



高温熔体压力传感器(变送器)  
High Temperature Melt  
Pressure Sensor(Transmitter)



投入式液位变送器  
Input Level Transmitter



音叉物位开关  
Tuning Fork Level Switch



电容式物/液位开关  
Capacitive Object / Level Switch



高温熔体压力表  
High Temperature Melt Pressure Gauge



熔体温度传感器(变送器)  
Melt Temperature Sensor (Transmitter)



工业温度传感器  
Industrial Temperature Sensor



振动传感器  
Vibration Sensor



高精度动态扭矩传感器  
High Precision  
Dynamic Torque Sensor



位移传感器  
Displacement Sensor



数显温度/压力开关  
Digital Temperature / Pressure Switch



智能PID控制仪表  
Intelligent PID Control Instrument



智能数字显示仪表  
Intelligent Digital Display Instrument



测力称重传感器  
Force Measuring  
And weighing Sensor



静力水准仪  
Static Level



实验仪器及校验设备  
Expenmental Instruments  
And Calibration Equipment



流量计  
Flow Meter



磁翻板液位计  
Capacitor/ Level Switch



雷达物/液位计  
Radar/ Liquid Level Meter



## ● 智能差压/液位变送器 3151系列

Intelligent differential pressure/ level transmitter  
3151 Serie



- 出厂精度优于0.075%
- 具备极强的抗电磁干扰能力
- 采用先进的单晶硅传感器技术
- 应用于工业生产过程控制中的压力、差压和液位的测量
- The factory accuracy is better than 0.075%
- Strong ability to resist electromagnetic interference
- Adopt advanced monocrystalline silicon sensor technology
- Applied to the measurement of pressure, differential pressure and liquid level in industrial production process control

## ● 风差压变送器 PT230BN系列

Wind differential pressure transmitter  
PT230BN Series



- 采用硅压阻式差压芯体
- 气管接头、安装简便
- 测量微小差压值
- 应用于暖通、井下通风等行业的气体压力测量与控制
- Silicon piezoresistive differential pressure core
- Gas pipe joint, easy to install
- Measure small differential pressure values
- Applied to gas pressure measurement and control in HVAC, underground ventilation and other industries

## ● 应变式压力传感器 PT210系列

Strain gauge pressure sensor  
PT210 Series



- 电阻应变片原理
- 测量范围高达600MPa
- 采用17-4PH作为弹性元件
- 应用于液压系统、工程机械等工业机械设备的压力测量与控制
- Principle of resistance strain gauge
- Measuring range up to 600MPa
- 17-4PH is used as an elastic element
- Applied to hydraulic system, construction machinery and other industrial machinery equipment pressure measurement and control

## ● 陶瓷压阻压力变送器 PT218系列

Ceramic piezoresistive pressure transmitter  
PT218 Series



- 测量精度优于0.5级
- 进口高性能厚膜陶瓷芯体
- 高可靠性、长期稳定性好
- 应用于压缩机、制冷等行业气体的压力测量与控制
- The measurement accuracy is better than 0.5
- Imported high-performance thick film ceramic core
- High reliability and good long-term stability
- Applied to gas pressure measurement and control in compressors, refrigeration and other industries

## ● 卫生型压力变送器 PT216AS/PT216AH/PT216AM 系列

Sanitary pressure transmitter  
PT216AS/PT216AH/PT216AM Series



- 全焊接结构
- 316L膜片隔离
- 扩散硅压力芯体
- 应用于食品饮料、制药等卫生型行业或有微粒的流体压力测量与控制
- All welded structure
- 316L diaphragm isolation
- Diffused silicon pressure core
- Applied to the measurement and control of fluid pressure with particles in hygienic industries such as food and beverage, pharmaceutical, etc

## ● 矿用压力变送器 PT215 系列

Mining pressure transmitter  
PT215 Series



- 抗震动、抗冲击
- 高精度、全不锈钢结构
- 抗干扰强、长期稳定性好
- 应用于煤矿及矿山等机械的压力测量与控制
- Shock resistance and shock resistance
- High precision, all stainless steel structure
- Strong anti-interference and good long-term stability
- Applied to the pressure measurement and control of coal mines and mining machinery

## ● 双输出压力传感器 BPM812系列

Dual output pressure sensor  
BPM812 Series



- 全不锈钢结构
- 冗余设计、高可靠性
- 过载能力强、抗震性好
- 应用于液压系统、工程机械、冶金、煤矿及矿山等机械的压力测量与控制
- All stainless steel construction
- Redundancy design, high reliability
- Strong overload capacity, good shock resistance
- Applied to hydraulic system, engineering machinery, metallurgy, coal and mining machinery pressure measurement and control

## ● 由壬压力传感器 PT219 系列

Union pressure sensor  
PT219 Series



- 无腔平膜，防堵塞设计
- 抗震动、抗冲击、抗疲劳
- 采用进口弹性体及感压芯体
- 应用于压裂车、固井车、石油管道、泥浆等机械设备的压力测量与控制
- No cavity flat film, anti-clogging design
- Anti-vibration, anti-impact, anti-fatigue
- Imported elastomer and pressure sensitive core are used
- Applied to fracturing truck, cementing truck, oil pipeline, mud and other mechanical equipment pressure measurement and control

## ● 环保型高温熔体压力传感器 PT170/PT172/PT173 系列

Environmentally friendly high temperature melt pressure sensor  
PT170/PT172/PT173 Series



- 荣获国家发明专利
- 环保、安全、可靠
- 采用特殊液态合金填充
- 应用于食品、医疗等片材、板材、包装薄膜机械设备领域
- Won the national invention patent
- Environmental protection, safety and reliability
- Filled with special liquid alloy
- Applied to food, medical and other sheet, plate, packaging film machinery and equipment fields

## ● 防爆型高温熔体压力变送器 PT110FB/PT120FB/PT130FB系列

Explosion-proof high temperature melt pressure transmitter  
PT110FB/PT120FB/PT130FB Series



- 螺纹或法兰安装方式
- 4-20mA或4-20mA+Hart
- 全焊接外壳设计
- 通过CE, Ex等认证
- 应用于高温、高黏聚合物压力测量
- Screw or flange mounting method
- 4-20mA or 4-20mA+Hart
- All welded shell design
- Passed CE, Ex and other certifications
- Applied to high temperature, high viscosity polymer pressure measurement

## ● 机械指针式高温熔体压力表 PG112/PG123/PG133系列

Mechanical high temperature melt pressure gauge  
PG112/PG123/PG133 Series



- 精度等级:  $\pm 1.6\%FS$
- 输出信号4~20mA可选
- 机械结构, 经久耐用
- 应用于化纤纺丝箱体、过滤器, 橡胶塑料等挤出机械设备领域
- Accuracy level:  $\pm 1.6\%FS$
- Output signal 4~20mA optional
- Mechanical structure, durable
- Applied to chemical fiber spinning box, filter, rubber plastic and other extrusion machinery and equipment fields

## ● 数显式高温熔体压力表 PG112X/PG123X/PG133X系列

Digital display high temperature melt pressure gauge  
PG112X/PG123X/PG133X Series



- 一体式LED显示
- 输出信号4-20mA、RS485可选
- 两路继电器报警输出
- 应用于化纤纺丝箱体、过滤器, 橡胶塑料等挤出机械设备领域
- Integrated LED display
- Output signal 4-20mA, RS485 optional
- Two relay alarm outputs
- Applied to chemical fiber spinning box, filter, rubber plastic and other extrusion machinery and equipment fields

## ● 熔体温度传感器 MTT系列

Melt temperature sensor  
MTT Series



- 测量精准
- 响应时间更快
- 多种形式探头
- 最高耐压可达70MPa
- 应用于熔融介质的温度测控与控制
- Accurate measurement
- Faster response time
- A variety of probes
- The maximum pressure can reach 70MPa
- Applied to temperature measurement and control of molten media

## ● 温度传感器 WSP系列

Temperature sensor  
WSP Series



- 测量范围-200°C~1600°C
- 铠装结构更换方便
- 抗震性能好、机械强度高
- 应用于石油、化工、冶金、电力、轻工、纺织、食品等行业的温度测量与控制
- Measuring range -200°C~1600°C
- Armored structure is easy to replace
- Good seismic performance and high mechanical strength
- Applied to temperature measurement and control in petroleum, chemical, metallurgy, electric power, light industry, textile, food and other industries

## ● 温度传感器 ZTS系列

Temperature sensor  
ZTS Series



- 采用进口感温元件
- 测量精度高、稳定性好
- 结构简单、易安装
- 应用于化工、钢铁、冶金、制药、食品、新能源等领域的温度测量与控制
- Imported temperature sensing element is adopted
- High measurement accuracy and good stability
- Simple structure and easy installation
- Applied to temperature measurement and control in chemical, steel, metallurgy, pharmaceutical, food, new energy and other fields

## ● 数显温度/压力开关 TT301温度/PT300压力系列

Digital temperature / pressure switch  
TT301/PT300 Series



- 全电子结构
- 集温度/压力测量、显示、输出控制于一体
- 4-20mA、NPN、PNP输出信号可选
- 应用于工业机械设备的温度/压力测量与控制
- Full electronic structure
- Integrated temperature/pressure measurement, display and output control
- 4-20mA, NPN, PNP output signal is optional
- Applied to temperature/pressure measurement and control of industrial machinery and equipment

## ● 智能PID控制仪表 Z60D/Z80D/Z90D系列

Intelligent PID control instrument  
Z60D/Z80D/Z90D Series



- 手/自动切换, AT自整定功能
- 控制精度高、抗干扰性强
- 应用于工业机械设备压力、温度、流量、液位的控制与反馈
- Manual/automatic switch, AT self-tuning function
- High control precision and strong anti-interference
- Applied to the control and feedback of pressure, temperature, flow and liquid level of industrial machinery and equipment

## ● 智能数字显示仪表 ZP系列

Intelligent digital display instrument  
ZP Series



- 多种输入、输出信号可选
- 压力单显、温压双显可选
- 电磁兼容设计、抗干扰性强
- 应用于工业机械设备压力、温度的显示与反馈
- A variety of input and output signals are optional
- Pressure single display, temperature and pressure dual display is optional
- Electromagnetic compatibility design, strong anti-interference
- Applied to display and feedback of pressure and temperature of industrial machinery and equipment

## ● 电磁流量计 ZSLD系列

Electromagnetic flowmeter  
ZSLD Series



- 公称通径DN6-DN300mm
- 衬里和电极材质多种选择
- 具有自检与自诊断功能
- 应用于生产工艺过程中的流量测量和控制
- Nominal diameter DN6-DN300mm
- Wide selection of lining and electrode materials
- Self-test and self-diagnosis function
- Applied to flow measurement and control in production processes

## ● 涡街流量计 ZSLD2系列

Vortex flowmeter  
ZSLD2 Series



- 基于卡门涡街原理
- 结构简单、无运动磨损部件
- 测量精度高, 气、液通用
- 应用于过热蒸汽、饱和蒸汽、一般气体、液体的测量
- Based on the Karman Vortex Street principle
- Simple structure, no motion wear parts
- High measurement accuracy, gas, liquid universal
- Applied to the measurement of superheated steam, saturated steam, general gas and liquid

## ● 涡轮流量计 ZSLWGY系列

Turbine flowmeter  
ZSLWGY Series



- 双排LCD（液晶）显示
- 抗干扰性强、可靠性高
- 具有非线性精度补偿功能
- 应用于测量封闭管道中液位的计量与控制
- Dual row LCD (liquid crystal) display
- Strong anti-interference and high reliability
- With nonlinear accuracy compensation function
- Applied to the measurement and control of liquid level in closed pipelines

## ● 磁翻板液位计 ZSPU系列

Magnetic flap level gauge  
ZSPU Series



- 适用范围广、安装形式多样
- 密封性能好，可靠性高
- 集现场指示、远传变送、报警控制开关于一体且可自由调整
- 应用于各种塔、罐、槽、球型容器和锅炉等设备的介质液位检测
- Wide application range and diverse installation forms
- Good sealing performance and high reliability
- Set field indication, remote transmission, alarm control and opening, and can be freely adjusted
- Applied to the medium liquid level detection of various towers, tanks, tanks, ball containers and boilers

## ● 雷达物/液位计 ZSRD系列

Radar level meter  
ZSRD Series



- 测量精度±1mm
- 测量范围可达120米
- 80GHz高频调频连续波式
- 应用于强粉尘、蒸汽、结晶、有搅拌等挥发性液体和固体的测量
- Measuring accuracy ±1mm
- Measuring range up to 120 meters
- 80GHz high frequency FM continuous wave mode
- Applied to the measurement of strong dust, steam, crystallization, stirring and other volatile liquids and solids

## ● 投入式液位变送器 PT220/PT220E/PT220EF 系列

Input level transmitter  
PT220/PT220E/PT220EF Series



- 防护等级 IP68
- 直接投放、使用便捷
- 防潮、防结露、防渗漏设计
- 可配置现场显示、方便现场读数
- 应用于石油化工、冶金、城市供水、水利水电等液位的测量与控制
- Protection level IP68
- Direct delivery and convenient use
- Moisture-proof, anti-condensation and anti-leakage design
- Can be configured with field display, convenient field reading
- Applied to the measurement and control of liquid level in petrochemical industry, metallurgy, urban water supply, water conservancy and hydropower

## ● 音叉物位开关 QYS-ZP300系列

Tuning fork level switch  
QYS-ZP300 Series



- 无需调校，适应性强
- 金属结构，稳定耐用
- 免于维护，节省成本
- 应用于各种料仓固体物料料位以及各种容器内液位的定点报警或控制
- No need to adjust, strong adaptability
- Metal structure, stable and durable
- Free from maintenance, save cost
- Applied to the fixed-point alarm or control of solid material levels in various silos and liquid levels in various containers

## ● 电容式物/液位开关 ZSW系列

Capacitive object/level switch  
ZSW Series



- 结构简单、体积小
- 动态性能好、灵敏度高
- 无机械传动结构，不会造成机械磨损
- 应用于导电/非导电液体、固体颗粒的液位/物位测量
- Simple structure and small size
- Good dynamic performance and high sensitivity
- No mechanical transmission structure, will not cause mechanical wear
- Applied to liquid level/level measurement of conductive/non-conductive liquids and solid particles

## ● 振动传感器 S31D50系列

Vibration sensor  
S31D50 Series



- 内装IEPE前置放大器
- 隔离浮置、极高灵敏度
- 低频、低振级振动测量
- 应用于工业现场监测，机械设备故障绝对振动速度测量
- Built-in IEPE preamplifier
- Isolation floating, high sensitivity
- Low frequency and low vibration level vibration measurement
- Applied to industrial field monitoring, mechanical equipment failure absolute vibration speed measurement

## ● 高精度动态扭矩传感器 ZTQ系列

High precision dynamic torque sensor  
ZTQ Series



- 接触式或非接触式
- 最高转速16000RPM
- 可带OLED显示扭矩、转速、功率
- 应用于旋转机械与动力设备扭矩及功率的检测
- Contact or non-contact
- Maximum speed 16000RPM
- With OLED display torque, speed, power
- Applied to the detection of torque and power of rotating machinery and power equipment

## ● 位移传感器 ZLC系列

Displacement sensor  
ZLC Series



- 高运行速度
- 分辨率高于0.01mm
- 使用寿命高达 $100 \times 10^6$ 次
- 线性优异，最高可以达到 $\pm 0.04\%$
- 应用于对位移和长度进行直接和绝对测量
- High operating speed
- Resolution is higher than 0.01mm
- Service life up to  $100 \times 10^6$  times
- Excellent linearity, up to  $\pm 0.04\%$
- Applied to direct and absolute measurement of displacement and length

## ● 测力称重传感器 ZTP系列

Force measuring and weighing sensor  
ZTP Series



- 结构简单、安装方便
- 采用铝合金、合金钢材质
- 测量精度高、长期稳定性好
- 应用于自动化控制中作为称量、测力等动、静态压力测量
- Simple structure and convenient installation
- Aluminum alloy, alloy steel material
- High measurement accuracy and good long-term stability
- Applied to automatic control as weighing, force measurement and other dynamic and static pressure measurement

## ● 静力水准仪

Static level



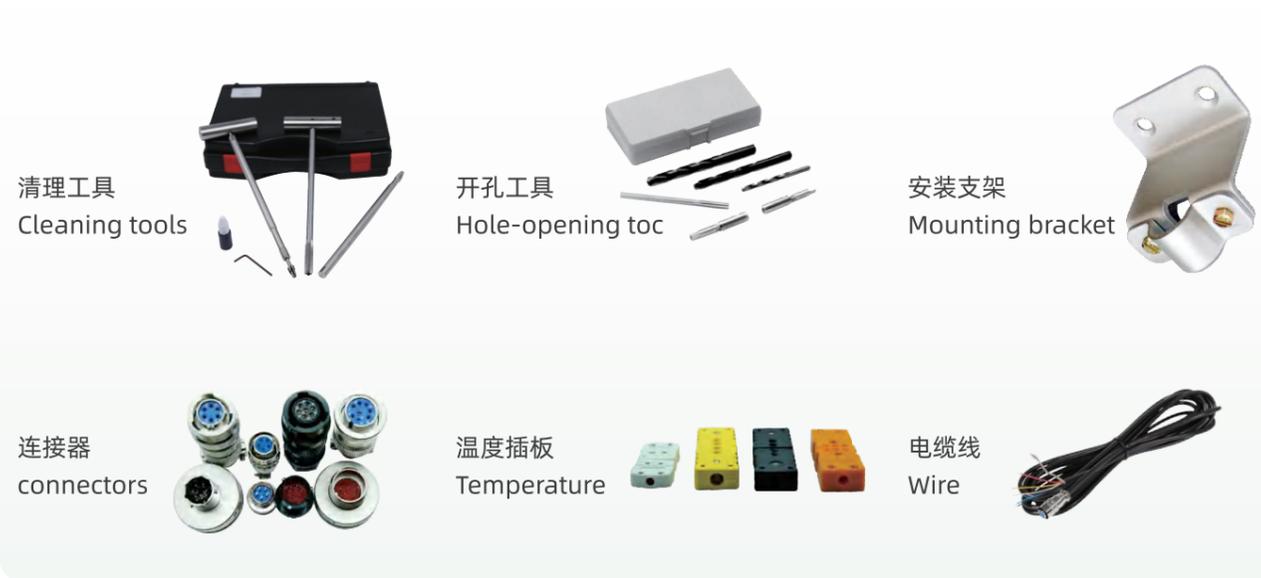
- 防护等级IP67
- 进口高精度芯体
- 特殊定制电路模块
- 应用于测量桥梁、隧道、建筑等沉降位移高度差
- Protection level IP67
- Imported high-precision core
- Special custom circuit module
- Applied to measure the height difference of settlement displacement of Bridges, tunnels, buildings, etc

## ● 熔融指数仪

Melt index meter



- 升温速度快、恒温精度高
- 由微处理器按标准试验流程进行程序化设定
- 中英文显示，自动计时，自动切料，自动计算，自动打印等多种功能
- 应用于聚合物熔融指数的测试与分析
- Fast heating speed and high constant temperature accuracy
- Programmed by the microprocessor according to the standard test flow
- Chinese and English display, automatic timing, automatic cutting, automatic calculation, automatic printing and other functions
- Applied to the testing and analysis of polymer melt index



齐亚斯为客户提供各种产品配件，包括各种航空插件、赫斯曼接头、传感器专用连接屏蔽电缆线、传感器安装支架、传感器安装清理工具、传感器安装开孔工具、连接工装以及专用管道加工等。

Ziasiot provides customers with a wide range of product accessories, including various aviation inserts, Hessmann connectors, sensor connection shielded cables, sensor mounting brackets, sensor installation cleaning tools, sensor mounting cut-out tools, connection fixtures and special pipe processing.

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