



齐亚斯  
Ziasiot



COMPREHENSIVE  
PRODUCT BOCHURER  
**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

上海申狮物联网科技有限公司（简称：申狮物联网）提供齐亚斯、皓力德、EMPS等多个品牌的传感器、变送器、物联网、实验仪器和自动化控制产品，以满足工业领域及过程控制的需求；齐亚斯主要研发和生产的产品由多个系列组成，包括无线传感器、流量传感器、位移传感器、压力传感器、液位传感器、高温熔体压力传感器、熔体压力表、高温熔体压力变送器、温度传感器、熔融指数仪、压力校验系统、智能数字仪表、爆破开关、智能模块、实验仪器、物联网以及自动化成套控制系统，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自动化控制系统的科技制造型集团企业。**

申狮是一家总部坐落于上海的高新技术企业，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、获得多项国家专利，这使得公司在传感器、物联网以及自动化控制等领域一直担当创新者角色；为了强调我们对质量和信誉的承诺，所有申狮旗下品牌的研发和生产过程确保满足及具备ROHS、ISO、CE、CMC、SIL、EX等多项认证。

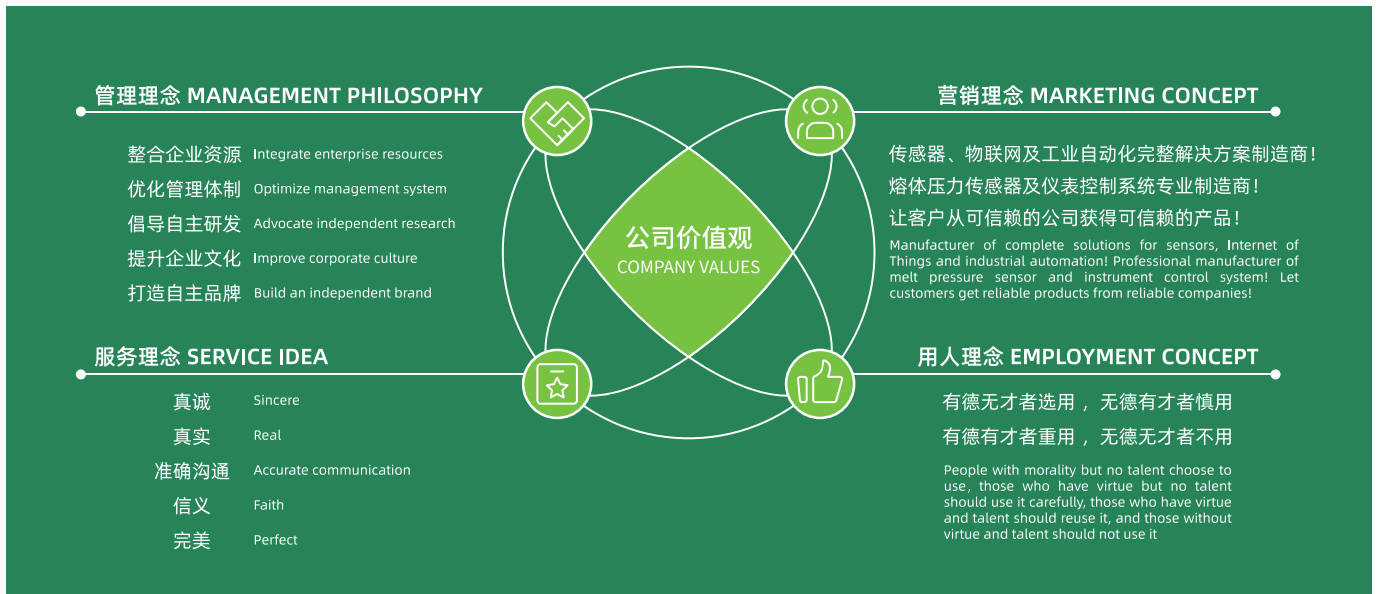
Shanghai Ziasiot Technology Co., Ltd. is an experienced manufacture of pressure and temperature sensors, transmitters; melt pressure transmitters, melt temperature sensors, Internet of Things, laboratory instruments and automation with variety of brands such as Ziasiot, Holeader, EMPS, etc, which could be used in different industrial fields and process contr. The main research and development and production of products consists of a number of series, including wireless sensors, flow sensors, displacement sensors, pressure sensors, liquid level sensors, high temperature melt pressure sensors, melt pressure gauges, high temperature melt pressure transmitters, temperature sensors, melt index meters, pressure calibration systems, intelligent digital instruments, burst switches, intelligent modules, experimental instruments, Internet of Things and automated complete sets of control systems, we strive for innovation, advocate environmental protection, adhere to the concept of high quality and integrity, Committed to developing into a technology-based group enterprise of sensors, Internet of Things and automatic control systems.

Shanghai Ziasiot Technology Co., Ltd. is a high-tech enterprise headquartered in Shanghai, the team members have many years of industry experience and professional knowledge, established a customer-oriented organizational structure, and continuous technological innovation, obtained a number of national patents, which makes the company has been playing an innovative role in the fields of Ziasiot, Internet of Things and automation control; To underscore our commitment to quality and credibility, the R&D and production processes of all SHEN brands ensure that they meet and meet ROHS, ISO, CE, CMC, SIL, EX and other certifications.



## 企业文化

CORPORATE CULTURE



## 发展理念

CORPORATE CULTURE

我们始终坚持以客户至上，不断创新、稳步发展、自我完善；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，不仅将回报与员工共享、客户共享、并以服务于社会为最终目标。

We always adhere to customer first, continuous innovation, steady development, self-improvement; Focus on cultivating talents, build an excellent team, and share spiritual and material values with customers and employees. We always adhere to the purpose of jointly creating the future of the enterprise, and have grown vigorously under the guidance of the concept and the efforts of all employees and the care of all walks of life over the years, laying a stable foundation for development; Based on the concept of taking from society and using it for society, we not only share the return with employees, customers, but also serve the society as the ultimate goal.



传感器、物联网及工业自  
动化系统完整解决方案  
高新技术企业

-erfect Solution Leader in Sensor IoT  
and Industrial Automation System



倡导环保型高温熔体压力  
传感器应用的科技制造商

-esponsible manufacturer on  
promoting the revolution of green  
melt pressure solution.

## 资质与荣誉

QUALIFICATION AND HONOR

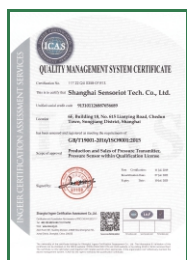
- 2006年创建皓鹰测控  
Haoying Measurement and Control was established in 2006

- 2007年为全球同行代工  
OEM for global peers in 2007

- 2009年创建DGsensor  
DGsensor was created in 2009

- 2012年创建Dynisco中国  
Founded Dynisco China in 2012

- 核心技术成员行业经验超过 **60** 年  
Core technology members have more than 60 years of industry experience





## 服务领域

### SERVICE AREA

申狮的客户包括财富500强企业、政府机构、综合部门和分销商等，满足制造业和工业的不同市场需求；申狮的产品主要应用于：塑料机械、化纤机械、石油化工、水处理工程、发电厂、航空航天、空压机械、机器人、空调、汽车、塑料、包装、医疗、电子、化工、橡胶、纺织、食品、智慧农业和智慧城市等多个领域；我们所有的客户有一个共同的需求：从可信赖的公司获得可信赖的产品；我们的产品在意大利、美国、德国、加拿大、英国、奥地利、马来西亚、印度、巴基斯坦、新加坡、日本、澳大利亚等国家的多个领域成功应用，这一点证明了我们拥有可靠的产品和优质的服务。

Our clients include Fortune 500 companies, government agencies, general departments and distributors to meet the diverse market needs of manufacturing and industry; Ziasiot products are mainly used in: plastic machinery, chemical fiber machinery, petrochemical, water treatment engineering, power plants, aerospace, air compressor machinery, robots, air conditioning, automobiles, plastics, packaging, medical, electronics, chemicals, rubber, textiles, food, smart agriculture and smart cities and other fields; All our customers have one common need: to get a trusted product from a trusted company; Our products have been successfully applied in many fields in Italy, the United States, Germany, Canada, the United Kingdom, Austria, Malaysia, India, Pakistan, Singapore, Japan, Australia and other countries, which proves that we have reliable products and excellent services.

## 产品系列

### PRODUCT RANGE

#### 熔体测量系列

Melt  
Measurement series



#### 工业压力测量系列

Industrial pressure  
Measurement series



#### 液位测量系列

Liquid gap  
measurement series



#### 温度测量系列

Temperature  
measurement series



#### 流量测量系列

Flow  
measurement series



#### 位移测量系列

Displacement  
measurement series



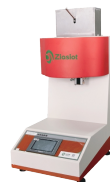
#### 测力称重系列

Force  
weighing series



#### 实验仪器及校验设备

Experimental instruments  
and calibration equipment



#### 物联网系统

IoT systems



## 熔体压力测量系列



### ◆ 环保系列高温熔体压力传感器/变送器

PT17X合金填充系列高温熔体压力传感器/变送器采用特殊合金填充技术及升级版AFT真空填充技术,特殊覆膜膜片及高耐磨涂层使它能在400℃高温下正常工作采用标准螺纹连接方式安装,具有安全无毒,耐高温,性能稳定等特点,应用于片板材,复合材料薄膜,管材、食品包装,医疗包装等领域。

PT17X alloy filling series high temperature melt pressure sensor/transmitter adopts special alloy filling technology and upgraded AFT vacuum filling technology, special coated diaphragm and high wear-resistant coating makes it work normally at 400 °C high temperature, using standard threaded connection installation, with safe and non-toxic, high temperature resistance, stable performance and other characteristics, used in sheet plate, composite film, pipe, food packaging, medical packaging and other fields.



### ◆ 经济系列高温熔体压力传感器/变送器

PTCK经济型系列熔体压力传感器/变送器具有温度压力一体化测量的多种结构方式20MPa、35MPa、50MPa、70MPa标准压力范围可选择。具有多种放大信号输出可选择、良性价比高等特点,应用于塑料挤出等领域。

PTCK series economical melt pressure sensor/transmitter is a variety of structure methods for integrated temperature and pressure measurement, and standard pressure ranges of 20MPa, 35MPa, 50MPa, 70MPa can be selected. It has the characteristics of a variety of amplified signal output options, good cost performance and is used in plastic extrusion and other fields.



### ◆ 防爆系列高温熔体压力变送器

PT1X0FB防爆系列高温熔体压力变送器有螺纹、法兰多种过程连接方式,本安、防爆结构、零点满度可调节、可选Hart协议输出、具有良好的稳定性和抗干扰性等特点,应用于实验室设备仪器、高精度聚合物挤出设备、生产线等领域。

PT110FB/PT120FB/PT130FB explosion-proof series high temperature melt transmitter consists of thread, flange and multiple process connection methods, intrinsically safe and explosion-proof; Zero and span adjusted, with good stability and anti-interference characteristics, used in laboratory equipment instruments, high-precision polymer extrusion equipment, production lines and other fields.

## ◆ 腔体式高温熔体压力传感器/变送器

PT180腔体式系列高温熔体压力传感器/变送器采用特殊腔体式裸露结构设计,适用于狭小空间的高温熔体压力测量与控制。具有高精度、高响应速度等特点,应用于化纤设备、橡塑机械、模具模腔等领域。

PT180 cavity type series high temperature melt pressure sensor/transmitter adopts special cavity type exposed structure design, which is suitable for high temperature melt pressure measurement and control in small spaces. It has the characteristics of high precision and high response speed, and is used in chemical fiber equipment, rubber and plastic machinery, mold cavity and other fields.



## ◆ 远程清零系列高温熔体压力传感器/变送器

EMPS远程清零系列高温熔体压力传感器/变送器采用进口不锈钢材料和核心元件,数字电路补偿,通过短接实现远程自动清零设置,通过CE,SIL2等安全性能测试,具有高精度,高稳定性,低温漂等性能特点,应用于片板材,复合材料、薄膜、管材、化工等领域。

EMPS remote zero series high temperature melt pressure sensor/transmitter adopts imported stainless steel materials and core components, digital circuit compensation, realizes remote automatic zero setting through short circuit, passes CE, SIL2 and other safety performance tests, has high precision, high stability, low temperature drift and other performance characteristics, used in sheet plate, composite materials, film, pipe, chemical industry and other fields.



## ◆ 安全继电器型高温熔体压力传感器/变送器

PT19X安全继电器型系列高温熔体压力传感器/变送器采用TI系列高性能数字芯片,电路设计依据SIL2,PL'C'安全性能标准,适用于精密过程控制的挤出设备,生产线等。具有高精度、继电器输出安全、超强抗干扰等特点,应用于高端挤出机械及挤出过程控制。

PT190/PT192/PT193 safety relay series high temperature melt pressure sensor/transmitter adopts TI series high-performance digital chip, circuit design according to SIL2, PL'C' safety performance standards, suitable for precision process control extrusion equipment, production lines, etc. It has the characteristics of high precision, relay output safety, super anti-interference, etc., and is used in high-end extruders and extrusion control.







### ◆ 熔体温度传感器/变送器

MTT (B) 系列熔体温度传感器/变送器测量探头形式多样，在减少介质流动阻力的同时，将探头敏感部位完全置于测量介质中，具有测量准确度更高，响应时间更短，可靠性更好，长时间寿命等特点。应用于石油化工、纺织化纤、塑料橡胶等领域。

MTT(B) series melt temperature sensor/transmitter measurement probe has a variety of forms, while reducing the flow resistance of the medium, the sensitive part of the probe is completely placed in the measurement medium, which has the characteristics of higher measurement accuracy, shorter response time, better reliability and long life. Used in petrochemical, textile, chemical fiber, plastic and rubber and other fields.



### ◆ 智能数显高温熔体压力表

PG1XXX系列智能数显高温熔体压力表采用标准螺纹连接方式安装，具有现场 LED 显示、无示值误差、两路继电器控制，能在 400°C 高温下正常工作，具有高精度、良好的稳定性及抗干扰性等特点，广泛应用于化纤、橡胶、聚酯等领域。

PG112X/PG123X/PG133X intelligent digital display series high temperature melt pressure gauge is installed by standard thread connection, with on-site LED display, no indication error, two-way relay control, can work normally at 400 °C high temperature, has high precision, good stability and anti-interference characteristics, widely used in chemical fiber, rubber, polymer and other fields.



### ◆ 机械熔体压力表

PG1XX机械熔体压力表采用特殊覆膜膜片及高温耐磨材料涂层，使它能在400°C高温下正常工作，采用标准螺纹连接方式安装，可选模拟量信号输出，具有高精度、稳定性高，使用寿命长等特点，应用于化纤、橡胶、聚酯等领域。

PG112/PG123/PG133 mechanical series melt pressure gauge adopts special coated diaphragm and high temperature wear-resistant material coating, so that it can work normally at 400 °C high temperature, using standard thread connection installation, optional analog signal output, with high precision, high stability, long service life and other characteristics, used in chemical fiber, rubber, polymer and other fields.

## ◆ 爆破开关

BP224系列爆破开关采用不锈钢和镍合金制成，用于超载压力环境下的应急救援系统，可在特定的压力范围内瞬间破裂，保护操作人员和设备，具有高精度、爆破压力范围大、温度最高可达350°C等特点，可应用于挤出机及挤出过程中的过载保护。

BP224 series burst switch is made of stainless steel and nickel alloy, used in emergency rescue system in overload pressure environment, can be instantly ruptured within a specific pressure range, protect operators and equipment, with high precision, large burst pressure range, temperature up to 350 °C and other characteristics, can be used in the machine protection of extruders and extrusion controll.



## 智能仪表及控制系统

## ◆ 智能数字显示仪表

ZP系列智能数字显示仪表采用单片机为控制核心，SMT贴片工艺，开关电源、控制参数自整定算法，压力单显，温压双显可选择，多重输入信号，具有高精度、抗干扰性强、体积小、重量轻、响应速度快等特点，可应用于化纤行业、注塑行业、橡胶行业等领域。

ZP series intelligent digital display instrument adopts single-chip microcomputer as the control core, SMT chip process, switching power supply, control parameter self-tuning algorithm, pressure single display, temperature and pressure dual display optional, multiple input signals, with high precision, strong anti-interference, small size, light weight, fast response speed and other characteristics, can be used in chemical fiber industry, injection molding industry, rubber industry and other fields.



## ◆ 智能PID控制仪表

Z90D/Z80D/Z60D 智能PID控制仪表是一款性能优越高可靠性单回路智能PID调节仪表，适用于常规温度控制或流量、压力、液位等多重工业过程量的自动控制。具有高精度、抗干扰性强、体积小、重量轻等特点，应用于化纤行业、注塑行业、橡胶行业、恒压供水行业等领域。

Z90D/Z80D/Z60D intelligent PID control instrument is a single-loop intelligent PID adjustment instrument with superior performance and high reliability, which is suitable for conventional temperature control or automatic control of multiple industrial process quantities such as flow, pressure, and liquid level. It has the characteristics of high precision, strong anti-interference, small size and light weight, and is used in chemical fiber industry, injection molding industry, rubber industry, constant pressure water supply industry and other fields.



## 压力测量系列



### ◆ 压力变送器

PT210系列压力变送器采用优良的 17-4PH 材料为弹性元件和进口应变片，通过高可靠性的放大电路及温度补偿，将被测介质的表压转换成标准电压或电流输出模式，具有高精度、稳定性好、范围宽、抗干扰能力强等特点，应用于工业过程检测与控制、液压系统、工业机械制造、一般工业等领域。

PT210 series pressure transmitter adopts excellent 17-4PH material for elastic elements and imported strain gauges, through high-reliability amplification circuit and temperature compensation, the gauge pressure of the measured medium is converted into standard voltage or current output mode, with high precision, good stability, wide range, strong anti-interference ability, etc., used in industrial process detection and control, hydraulic system, industrial machinery manufacturing, general industry and other fields.



### ◆ 卫生型压力变送器

PT216AS/AH/AM系列卫生型压力变送器采用扩散硅压力芯片作为敏感元件、316L不锈钢膜片隔离。具有不锈钢全焊接结构、高精度、无腔波纹平膜、宽量程测量范围和可现场显示等特点。应用于食品机械、轻工、水处理等工业过程与控制等领域。

PT216AS/AH/AM series hygienic pressure transmitter adopts diffused silicon pressure chip as sensitive element and 316L stainless steel diaphragm isolation. It has the characteristics of stainless steel fully welded structure, high precision, cavityless corrugated flat film, wide measuring range and on-site display. Used in hydraulic and pneumatic control, engineering machinery, food machine, waste water, disposing and other fields.



### ◆ 智能压力开关

PT300系列智能压力开关是一款集压力测量、显示、输出控制于一体的智能数显压力测控产品。该产品为全电子结构，对控制系统的压力进行测量和控制。具有使用灵活、操作简单、调试方便、安全可靠等特点。应用于水电、自来水、石油、化工、机械、液压等领域。

PT300 series intelligent pressure switch is an intelligent digital display pressure measurement and control product integrating pressure measurement, display and output control. The product is fully electronic and measures and controls the pressure of the control system. It has the characteristics of flexible use, simple operation, convenient debugging, safety and reliability. Used in hydropower, tap water, petroleum, chemical, machinery, hydraulic and other fields.

## ◆ 盾构设备专用压力变送器

PT219系列盾构设备专用压力变送器采用高精度压力芯和精密补偿技术进行宽范围温度补偿。压敏隔膜采用特殊处理的实心隔膜。具有结构稳固、长期稳定性好、抗震动、抗冲击性、耐磨损等特点，应用于石油化工、盾构机械、顶管机械、制砖机械等领域。

PT219 series shield equipment special pressure transmitter adopts high-precision pressure core and precision compensation technology for wide range temperature compensation. The pressure-sensitive diaphragm uses a specially treated solid diaphragm. It has the characteristics of stable structure, good long-term stability, vibration resistance, impact resistance, wear resistance, etc., and is used in petrochemical, shield machinery, pipe jacking machinery, brick making machinery and other fields.



## ◆ 矿用压力变送器

PT215系列矿用压力变送器采用带不锈钢隔离膜片的压阻式传感器作为信号测量元件，并经过计算机自动测试，用激光调阻工艺进行了宽温度范围的零点和灵敏度温度补偿。具有高精度、抗干扰强、长期稳定性好、抗震动、抗冲击等特点，应用于煤矿机电设备。

PT215 series mining pressure transmitter adopts piezoresistive sensor with stainless steel isolation diaphragm as signal measurement element, and has been automatically tested by computer, and the zero point and sensitivity temperature compensation with a wide temperature range are carried out by laser resistance adjustment process. It has the characteristics of high precision, strong anti-interference, good long-term stability, anti-vibration and anti-impact, and is used in coal mine mechanical and electrical equipment.



## ◆ 风差压变送器

PT230BN系列风差压变送器采用硅压阻式差压芯体组装而成，产品整体为铝合金结构，两个压力接口为 $\varnothing 6$ 气管接头，可直接安装在测量管道上或通过引压管连接。具有安装简便、测量范围宽、结构小巧轻便等特点。应用于暖通、无尘室技术、滤清器技术、流量检测、锅炉送风、井下通风、皮托管、流量孔板等领域。

PT230BN series air differential pressure transmitter is assembled by silicon piezoresistive differential pressure core, the whole product is aluminum alloy structure, two pressure interfaces are  $\varnothing 6$  gas pipe joints, which can be directly installed on the measurement pipe or connected through the impulse pipe. It has the characteristics of easy installation, wide measuring range, small and light structure. Used in HVAC, clean room technology, filter technology, flow detection, boiler air supply, downhole ventilation, pitot tube, flow orifice plate and other fields.



## ◆ 智能型无线压力变送器



PT211L智能无线压力变送器，能够实时显示压力并上传数据及告警，具有精度高、使用方便、稳定性好等特点，可选配GPRS、NB-IoT、4G等无线通讯方式，也可定制zigbee无线通讯。该系列无线压力传感器内置MCU，低功耗设计，实现将现场的管道压力上传到云端的无线传输功能。适合消防管道、消防末端、消防泵房、城市供水、石油化工等需要无人值守、远程监控的领域。

PT211L intelligent wireless pressure transmitter can display pressure in real time and upload data and alarm. It has the characteristics of high precision, convenient use and good stability. It can be equipped with GPRS, NB-IoT, 4G and other wireless communication methods, and zigbee can also be customized wireless communication. This series of wireless pressure sensors has built-in MCU, low power consumption design, and realizes the wireless transmission function of uploading the on-site pipeline pressure to the cloud. It is suitable for fire-fighting pipelines, fire-fighting terminals, fire-fighting pump rooms, urban water supply, petrochemical and other fields that require unattended and remote monitoring.

## ◆ 隔膜抗震压力表



PG110S系列隔膜抗震压力表采用德国波登管原件和机芯，特殊的隔离膜片机械结构设计原理，环保介质填充，设计满足食品和过程连接的特殊要求。具有高精度、便于安装等特点，应用于食品行业生物技术、制药行业均质机等领域。

PG110S series diaphragm seismic pressure gauge adopts German Bourdon tube original and movement, special isolation diaphragm mechanical structure design principle, environmentally friendly medium filling, designed to meet the special requirements of food and process connection. It has the characteristics of high precision and easy installation, and is used in the food industry, biotechnology, pharmaceutical industry, homogenizer and other fields.

## ◆ 智能数显压力表



PG118智能数显压力表采用高精度扩散硅传感器，带继电器输出，上下限可任意设定调节，满足客户不同需求，精集测量、显示、控制于一体，四位LED实时现实压力，具有高精度、抗震性好、操作简单等特点，应用于水电、自来水、石油、化工、机械、液压等行业测量和显示流体介质的压力等领域。

PG118 Intelligent digital display pressure gauge adopts high-precision diffusion silicon sensor, with relay output, the upper and lower limits can be set and adjusted arbitrarily, to meet the different needs of customers, precise set measurement, display, control in one, four-digit LED real-time real pressure, with high precision, good seismic resistance, simple operation and other characteristics, used in hydropower, tap water, petroleum, chemical, machinery, hydraulic and other industries to measure and display the pressure of fluid medium and other fields.

## ◆ 智能差压液位变送器

3151系列差压变送器采用全隔离电路技术设计，对电源箱的传感器信号隔离处理，具有HART通信协议可选的全隔离智能现场测量仪表。具有高精度、易于安装、稳定性好等特点。应用于石油/石化/化工、电器/城市煤气、纸浆/造纸、钢铁/有色金属/陶瓷、机械装备/造船等领域。

3151 series high-voltage explosion-proof differential pressure transmitter adopts full isolation circuit technology design, isolates the sensor signal processing of the power box, and has a fully isolated intelligent field measurement instrument with HART communication protocol option. It has the characteristics of high precision, easy installation and good stability. Used in petroleum/petrochemical/chemical, electrical appliances/city gas, pulp/papermaking, steel/non-ferrous metals/ceramics, machinery and equipment/shipbuilding and other fields.



## ◆ 液位传感器

PT220/220E/220EF系列液位传感器采用高性能扩散硅芯体，通过高可靠性的放大电路及温度补偿，将被测介质的表压转换成标准电压或电流输出模式，防堵塞结构设计。具有抗干扰能力强，工作温度范围宽，长期稳定性好等特点。应用于石油，冶金，水利，城市供水，水文勘探等液位测量领域。

PT220/220E/220EF series liquid level sensor adopts high-performance diffusion silicon core, through high-reliability amplification circuit and temperature compensation, the gauge pressure of the measured medium is converted into a standard voltage or current output mode, and the anti-clogging structure is designed. It has the characteristics of strong anti-interference ability, wide operating temperature range and good long-term stability. It is used in petroleum, metallurgy, water conservancy, urban water supply, hydrological exploration and other liquid level measurement fields.



## ◆ 雷达物位计

ZSRD系列雷达物位计采用了先进的微处理器和独特的回波处理技术，导波雷达液位计可以应用于各种复杂的工作环境。具有适用于各种复杂工况和应用、多种工艺连接方式、检测元件类型等特点。应用于液体和固体粉末测量等领域。

ZSRD series radar level meter adopts advanced microprocessor and unique echo processing technology, guided wave radar level meter can be applied to a variety of complex working environments. It has the characteristics of suitable for various complex working conditions and applications, a variety of process connection methods, and detection element types. It is used in areas where liquid and solid powders are not measured.







## ◆ 温度传感器

ZTS系列温度传感器采用进口测温元件，测量探头形式多样，在减少介质流动阻力的同时，将探头敏感部位完全置于测量介质中，具有测量准确度更高，响应时间更短，可靠性更好，长使用寿命等特点，应用于化纤、橡塑、石油、造纸、水电、食品等设备的过程温度测量与控制。

ZTS series temperature sensor adopts imported temperature measuring element, measurement probe in a variety of forms, while reducing the resistance of medium flow, the sensitive part of the probe is completely placed in the measurement medium, with higher measurement accuracy, shorter response time, better reliability, long service life and other characteristics, used in chemical fiber, rubber and plastic, petroleum, papermaking, hydropower, food and other equipment process temperature measurement and control.



## ◆ 智能温度开关

TT202系列智能温度开关是集压力测量，显示，输出控制于一体的智能数显压力测控产品。产品为全电子结构，针对控制系统压力进行测控。具有开关使用灵活，操作简单，调试容易，安全可靠等特点。应用于水电、自来水、石油、化工、机械、液压等领域。

TT202 series intelligent temperature switch is an intelligent digital display pressure measurement and control product integrating pressure measurement, display and output control. The product is fully electronic, and the pressure of the control system is measured and controlled. It has the characteristics of flexible switch use, simple operation, easy debugging, safety and reliability. Used in hydropower, tap water, petroleum, chemical, machinery, hydraulic and other fields.



## ◆ 电磁流量计

LDG系列电磁流量计由测量管、电极、励磁线圈、铁芯和壳体等部分组成，转换器将流量信号放大、处理、运算后，可显示瞬时流量、累积流量，输出脉冲、模拟电流等信号，用于流体流量的测量和控制。具有据远传、无线遥控、报警等特点，应用于石油化工、船舶电力、食品机械、重工机械等领域。

LDG series electromagnetic flowmeter is composed of measuring tube, electrode, excitation coil, iron core and shell, etc., the converter amplifies, processes and calculates the flow signal, and can display the instantaneous flow, cumulative flow, output pulse, analog current and other signals for the measurement and control of fluid flow. It has the characteristics of remote transmission, wireless remote control, alarm and so on, and is used in petrochemical, ship electric power, food machinery, heavy industry machinery and other fields.

## ◆ 位移传感器

SPH系列位移传感器为绝对位置测量型，用于调节系统和测量系统中，对位移和长度进行直接测量，输出直流电压信号，可以满足远距离传输控制要求。具有位置测量型、可通过内置或者外置的转换模块将信号转换成标准直流信号等特点，应用于远距离传输控制、位置测量等领域。

SPH series The displacement sensor is an absolute position measurement type, which is used in the adjustment system and measurement system, directly measuring the displacement and length, and outputting DC voltage signals, which can meet the requirements of long-distance transmission control. It has the characteristics of position measurement type, which can convert the signal into a standard DC signal through the built-in or external conversion module, and is used in long-distance transmission control, position measurement and other fields.



## ◆ 力学/称重测量系统传感器

ZS301系列拉压力传感器采用合金钢材质；胶密封或焊接密封处理，表面镀镍，防水，防腐，防护等级达到IP66。具有防水，防腐，防护等级高、防水四芯插件等特点，应用于工业过程力的控制、配料控制系统及检测设备等各种称重测力设备。

ZS301 series tensile pressure sensor is made of alloy steel; Glue sealing or welding sealing treatment, surface nickel plating, waterproof, anti-corrosion, protection level up to IP66. It has the characteristics of waterproof, anti-corrosion, high protection level, waterproof four-core plug-in, etc., and is used in various weighing and measuring equipment such as industrial process force control, batching control system and testing equipment.



## ◆ 静力水准仪

PT260系列静力水准是由储液器、进口高精度芯体和特殊定制电路模块、保护罩等部件组成。多个静力水准仪由充满液体的连通管接在一起，基准静力水准仪位于稳定的基准点上。具有防护等级高、防水四芯插件等特点。应用于测量楼宇、桥深、隧道等建筑沉降监测。

PT260 series static level is composed of reservoir, imported high-precision core and special customized circuit module, protective cover and other components. Multiple static levels are connected together by connecting tubes filled with liquid, and the reference static level is located at a stable reference point. It has the characteristics of high protection level and waterproof four-core insert. It is used for the settlement monitoring of buildings, bridges, tunnels, etc.





## ◆ 实验及分析仪器

齐亚斯熔融指数仪由微处理器按标准试验流程进行程序化设定，在填料之后，能迅速恢复恒温状态。具有升温速度快、恒温精度高、中英文彩色液晶显示、手自动切料一体等特点，应用于热塑性塑料熔体质量流动速率和熔体体积流动速率的测定等领域。

The ziasiot Fusion Index meter is programmed by the microprocessor according to the standard test procedure, and can quickly return to the constant temperature state after filling. It has the characteristics of fast heating speed, high constant temperature accuracy, Chinese and English color liquid crystal display, and automatic cutting by hand, and is used in the determination of mass flow rate and melt volume flow rate of thermoplastics.



## ◆ 全自动压力校验台

齐亚斯全自动压力校验台内置压力模块，覆盖全，校验时无需更换模块，具有真正全自动压力校验，一键操作所有工作、可检定压力变送器、压力开关、压力指示表、可与检定软件自动检定系统连接，自动出具报告和检定证书等特点，应用于各类压力产品的校验。

Ziasiot automatic pressure calibration platform built-in pressure module, covering the whole range, no need to replace the module during calibration, with a real automatic pressure calibration, one-key operation of all work, can verify pressure transmitter, pressure switch, pressure indicator table, can be connected with the verification software automatic verification system, automatic issuance of reports and verification certificates and other characteristics, applied to the calibration of all kinds of pressure products.



## ◆ 双活塞式压力真空计

新型双活塞压力真空计由简单活塞系统、差动活塞系统、专用砝码、校验器组成。其原理是利用简单活塞的质量平衡差动活塞的质量，达到可以从零点(大气压)开始测量，具有零位重复的稳定性好、调整方便、读数准确、高灵敏度等特点，应用于正、负压力计量校验。

The new dual-piston pressure vacuum gauge consists of a simple piston system, a differential piston system, a special weight, and a calibrator. Its principle is to use the mass balance of simple pistons to balance the quality of the piston, so that it can be measured from zero point (atmospheric pressure), with the characteristics of good stability of zero repeat, convenient adjustment, accurate reading, high sensitivity, etc., and is applied to positive and negative pressure measurement and verification.

清理工具  
Cleaning tools



开孔工具  
Hole-opening tool



安装支架  
Mounting bracket



连接器  
connectors



温度插板  
Temperature inserts



电缆线  
Wire



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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