



压力表选型样本

PRESSURE GAUGE
PRODUCT SELECTION CATALOGUE



安徽天康(集团)股份有限公司
ANHUI TIANKANG(GROUP) SHARES CO.,LTD

INNOVATION MAKES EXCELLENT

有 | 跨 | 越 | 才 | 有 | 卓 | 越



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企业简介

Brief Introduction

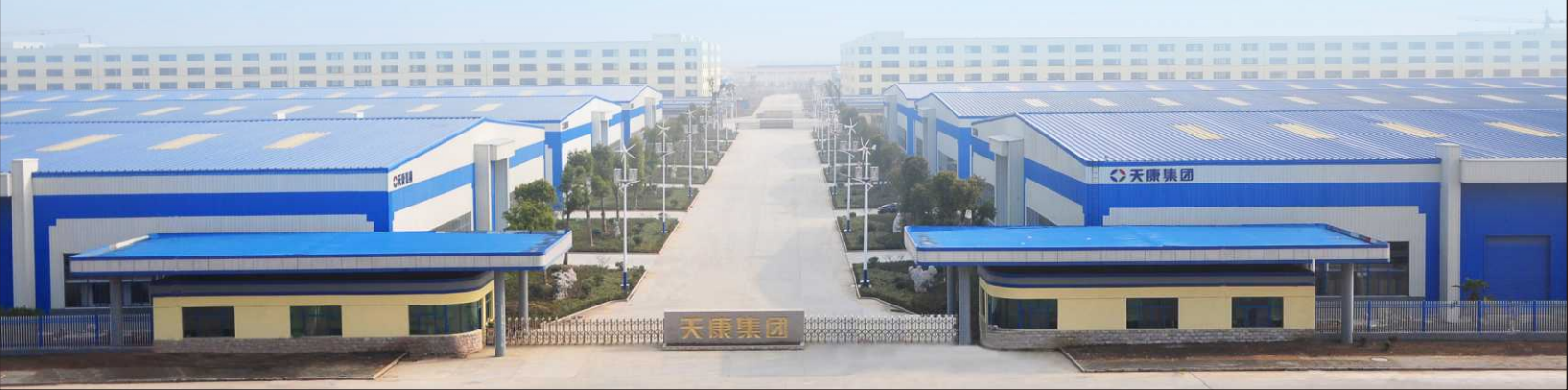
长江宛如一条巨龙奔腾不息，在长江之滨的天长市有这样一颗璀璨的明珠——安徽天康（集团）股份有限公司，在经历了岁月的历练与洗礼后愈发闪耀夺目。

安徽天康（集团）股份有限公司创建于1974年，总部位于“长三角”经济圈核心区域一天长市，是中国民营企业制造业500强企业、中国电子信息百强企业、国家级守合同重信用企业、国家高新技术企业、安徽省依法纳税先进企业、银行资信AAA级企业、中国仪表行业十强企业、中国电线电缆十强企业、安徽省重点骨干企业、“全国五一劳动奖状”获得者等荣誉。

天康集团历经四十年的蓬勃发展，已形成集仪器仪表、光电缆、医疗卫生、锂电池等跨行业、多元化的集团公司，下属子公司达二十余家。旗下产品凭借良好的质量与服务，被广泛应用于石油、电力、化工、通讯、卫生、新能源汽车及储能等行业和领域。

作为皖东经济最具活力与贡献的骨干企业之一，天康集团以“追求卓越，缔造满意”为目标，依托一流的产品、一流的管理、一流的服务，不仅在国内市场中赢得了广泛赞誉；在国际市场中，天康产品远销欧洲、非洲、亚洲等46个国家和地区。

天康集团在发展中逐步形成了独特的品牌文化及着眼全球的经营部局，全力塑造“高科技、高品质、国际化”的品牌形象。始终秉承“有跨越才有卓越”的天康精神，在创建和谐企业的基础上，引进国际先进的构架与模式，组织企业的生产经营管理体系。在积极参与国际化竞争的基础上，不断把握市场发展脉搏，寻求经济战略联盟，与全球伙伴共同发展与进步。如今天康人将全新的投入化为无私的奉献，与世界共同发展，与人类一起进步。



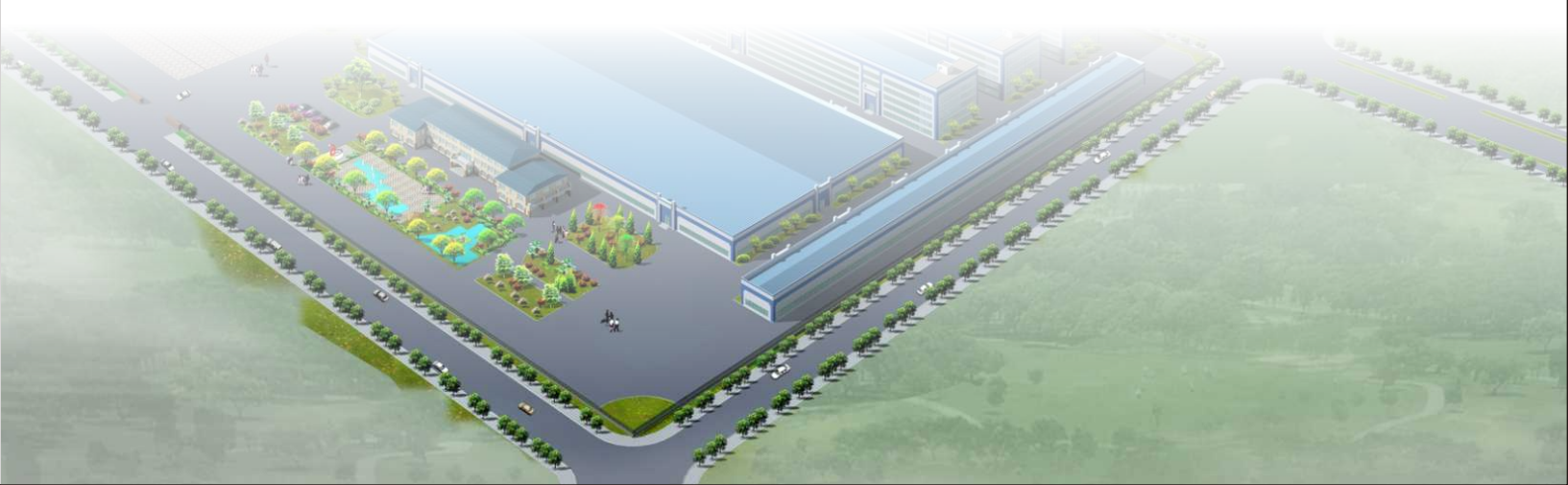
Yangtze River like a dragon Pentium, there is such a shining pearl - Anhui Tiankang (Group) Co., Ltd. in Tianchang City in the Yangtze River foreshore, in after years of experience and baptism increasingly shining brightly.

Anhui Tiankang (Group) Co., Ltd. created in 1974, the headquarters is located in the "Yangtze River Delta" economic circle core area - Tianchang City, is China's private enterprises in the manufacturing industry 500 strong enterprises, China's electronic information hundred enterprises, state-level keep contract re credit enterprise, national new and high technology enterprise, Anhui Province tax law advanced enterprises, bank credit AAA level enterprise, China instrument industry ten strong enterprises, top ten enterprises in the Chinese wire and cable, Anhui province key enterprises, "national labor certificate" get "and other honorary.

After forty years of vigorous development, the group has formed a set of instruments, optical cable, medical and health, lithium batteries, such as cross industry, diversified group companies, subsidiaries of more than twenty. Products with good quality and service, is widely used in oil, electricity, chemicals, communications, health, new energy vehicles and energy storage and other industries and areas.

As one of the backbone enterprises in Anhui east economy the most vitality and contribution, tecon group to "the pursuit of excellence, creating satisfaction" as the goal, relying on the first-class products, first-class management, first-class service, not only in the domestic market won wide acclaim; in the international market, the day Kang products are exported to 46 countries and regions, including Europe, Africa, and Asia.

Tecon group in the developing gradually formed a unique brand culture and focus on global business department bureau, spare no effort to shape the brand image of "high-tech, high-quality, internationalization". Always adhering to the "excellence," the spirit of Tiankang across only, to create the basis for a harmonious enterprise, the introduction of international advanced framework and patterns, organization of production management system. Actively participate in the international competition, and continue to grasp the pulse of the market development, to seek economic and strategic alliances, and global partners to develop and progress. Such as today, the people will be a new investment into the selfless dedication, and the common development of the world, together with the progress of mankind.



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YP系列膜片压力表

Diaphragm pressure gauge of YP series



结构原理

仪表由测量系统(包括接头、法兰、膜片)、传动机构、指示装置和外壳组成。仪表为密封型防溅结构，能有效地保护内部机件免受环境影响和污秽侵入。

在被测介质的压力作用下，仪表的弹性元件(膜片)产生与压力大小成正比的弹性变形——位移，借助连杆经传动机构放大，由指示装置指示出被测压力值。

膜片压力表适用于测量有一定腐蚀性、粘稠介质和非结晶或非凝固的各种流体介质的压力或负压。

可根据测量介质对耐腐蚀性能的不同要求而选用不同材料的膜片。

外壳使用不锈钢材料的仪表，可在工作环境较恶劣的情况下使用。

主要技术指标

仪表类型 Instrument type	普通型、耐震型（充油） General type,Vibration-proof type(oil)
指示直径 Indicator diameter	φ100、φ150
精度 Accuracy	1.6级、2.5级 1.6、2.5
测量范围 Measuring range	正压0~4KPa至0~100KPa Positive pressure 0~4KPa to 0~100KPa
膜片材质 Diaphragm material	负压-4~0KPa至-100~0KPa及任何相关正负压量程 Negative pressure -4~0KPa to -100~0KPa and any relevant
接头材质 Joint material	304、316、喷涂PTFE 304, 316, spraying PTFE
外壳材质 Shell material	304、316
防护等级 Protection temperature	304
环境温度 Ambient temperature	普通型：IP54 耐震型：IP65 General type: IP54 vibration proof: IP65
连接尺寸 Connection dimension	螺纹连接M20×1.5，法兰连接按标准，特殊连接需质询后在订货前注明 Common type: -40~70 vibration proof type: -20~60 c cM20 * 1.5 threaded connection, flange connection according to the standard, special connection to be questioned before ordering

Structure principle

The instrument consists of measuring system (including joint, flange and diaphragm), drive system, indication device and shell. The instrument is the sealing type with splash-proof structure which is able to protect effectively the internal parts from environmental influence and filth intrusion.

With the pressure action of the measured medium the elastic element of the instrument (diaphragm) produces the elastic deformation directly proportionate to the pressure size--displacement, which is magnified by drive mechanism with the help of connection rod and then the

Diaphragm pressure gauge is applicable to measure the pressure or negative pressure of various kinds of fluid medium with certain corrosivity, viscous medium and amorphous or non-coagulated medium.

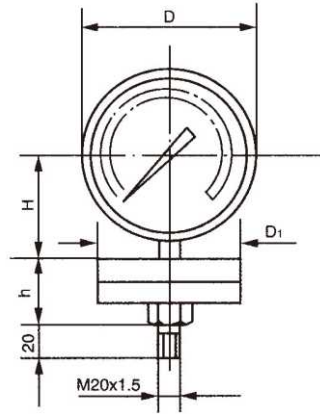
Diaphragm of different materials can be selected depending on the different requirements of the measurement medium for corrosion resistance performance.

The instrument whose shell is made from stainless steel can be used in harsh working environment.

Main technical index

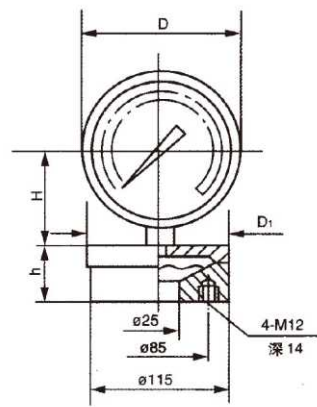
外形尺寸

YPF-100 A/B 单位: mm
150



Outline size

YPF-100 B/F 单位: mm
150



	YPF-100A	YPF-100B	YPF-100B-F	YPF-150A	YPF-150B	YPF-150B-F
D	φ100	φ110	φ110	φ150	φ160	φ160
H	66	66	66	91	91	91
h	32	32	36	32	32	36

YP系列膜片压力表选型

Type selection of diaphragm pressure gauge of YP series

膜片压力表YP Pressure gauge YP								
耐震功能 Shock resistance function								
不耐震 Pressure gauge category	无 (可省略) Null(omitted)							
耐震 Vibration proof	N							
连接符号 Connection symbol		-						
表盘直径 Diameter of the gauge disc								
φ100							60	
φ150							150	
过程连接 Process connection								
M20×1.5							M20×1.5	
法兰连接 Flange connection							文字说明 Text description	
其他 Others							文字说明 Text description	
膜片材质 Diaphragm material								
316L SS							316	
H.C合金 H.C alloy							H.C	
Ta							Ta	
Ti							Ti	
蒙乃尔 Monel							蒙乃尔 Monel	
316喷四氟 316 Spraying PTFE							316+PTFE	
其他 Others							文字说明 Text description	
表壳填充液 Filling liquid for the gauge shell								
硅油 (低粘度) Silicone oil (low viscosity)							H	
硅油 (高粘度) Silicone oil (high viscosity)							I	
甘油 Glycerol							J	
精度等级 Precision grade								
1.6 Grade							1.6	
2.5 Grade							2.5	
其他 Others							Others(note)	
附件可选 Optional accessories								
阻尼器 Damper							ZN	
散热器 Radiator							SR	
过压保护器 Overvoltage protection device							OP	
冷凝管 Siphon tube							SP	
其他 Others							文字注明 Text description	