

HQ-711系列精密数字压力表

HQ711 series precision digital pressure gauge



HQ-711

产品概述 Product Overview

HQ711采用新一代动态比例测量电路及精选的进口压力传感器。精确的温度补偿大幅提高了压力测量的准确度和长期稳定性。低功耗减少了电池更换频率。它非常适合现场压力测量、实验室使用及精密压力测量，并可用于一般压力表和精密压力表的校验工作。它完全可以代替指针式精密压力表。

HQ 711 digital pressure gauge adopts a new generation of dynamic-scale measurement circuit and imported pressure sensor. With accurate temperature compensation, accuracy and long-term stability of pressure measurement is greatly improved. Low power makes it not necessary to replace batteries frequently. It is suitable for on-site pressure measurement or high-precision pressure measurement in laboratories. As an excellent alternative to mechanical pressure gauge with high precision, it can be used to calibrate general pressure gauge and high-precision pressure gauge.

用途说明 Application Description

- ◇ 校验一般压力表
- ◇ 校验精密压力表
- ◇ 校验血压计
- ◇ 校验其他压力仪表
- ◇ 精密压力测量
- ◇ General pressure gauge calibration
- ◇ High precision pressure gauge calibration
- ◇ Sphygmomanometer calibration
- ◇ Other pressure gauge calibration
- ◇ Accurate pressure measurement

使用环境 Working Condition

- ◇ 环境温度: $-10\sim 50^{\circ}\text{C}$
- ◇ 相对湿度: $<95\%$
- ◇ 大气压力: $86\sim 106\text{ kPa}$
- ◇ 存储温度: $-20\sim 70^{\circ}\text{C}$
- ◇ Environmental temperature: $-10\sim 50^{\circ}\text{C}$
- ◇ Relative humidity: $<95\%$
- ◇ Atmospheric pressure: $86\sim 106\text{ kPa}$
- ◇ Storage temperature: $-20\sim 70^{\circ}\text{C}$

产品特点 Product Features

- ◇ 稳定性好: $0\sim 50^{\circ}\text{C}$ 温度补偿。温度漂移小，时间漂移小，抗干扰能力强
- ◇ 压力单位转换: kPa , MPa , Pa , mbar , bar , kgf/cm^2 , psi , mmH_2O , inH_2O 和 inHg 等11种压力单位转换
- ◇ 2点校准方式，操作快捷
- ◇ 9V碱性电池供电，方便更换；可选电源适配器交直流供电
- ◇ 压力采样周期可调。自动记录瞬时压力真值
- ◇ High stability: temperature compensation from 0 to 50°C , small temperature drift, small time drift and high anti-interference
- ◇ Variable pressure units: kPa , MPa , Pa , mbar , bar , kgf/cm^2 , psi , mmH_2O , inH_2O or inHg
- ◇ Two-point calibration, fast operation
- ◇ 9V battery, easy replacing; DC or AC adapter for options.
- ◇ Adjustable sampling ratio, automatic record of short-time pressure value.

显示 Display

- ◇ LCD屏幕，5位数字显示
- ◇ LCD screen, five-digit outcome

供电方式 Power Supply

- ◇ 内置9V无汞碱性电池
- ◇ 可选电源适配器
- ◇ Built-in Hg-free 9V battery
- ◇ Optional adapter

其他指标 Other Parameters

- ◇ 尺寸: 表头 $\Phi 109\text{mm} \times 40\text{mm}$ ，总长 175mm
- ◇ 重量: 约 0.6 kg
- ◇ 压力接头: $M20 \times 1.5$ 或其他订制螺纹
- ◇ 通讯接头: RS232
- ◇ Dimension: $\Phi 109\text{mm} \times 40\text{mm}$ case and 175mm in length
- ◇ Weight: about 0.6 kg
- ◇ Connection: $M20 \times 1.5$ or other required thread
- ◇ Communication interface: RS232

附加功能 Additional Functions

- ◇温度测量：分辨率为0.1℃
- ◇自动峰值记录：记录压力测量过程中的最大和最小值
- ◇压力百分比显示：采用进度条显示压力测量数值的量程百分比
- ◇Temperature measurement: Accuracy of 0.1℃
- ◇Automatic record: Max and min value record
- ◇Percentage display: Percentage display of measured pressure over full range

(一)常规压力量程选型表 General Pressure Range

压力范围 Pressure range	准确度等级 Accuracy class ①	准确度等级 Accuracy class ②	准确度等级 Accuracy class ②	准确度等级 Accuracy class ②	介质 Medium
(-100—0)KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
(0—16)KPa	--	0.05,G	0.1, G	0.2, G	③
(0—25)KPa	--	0.05,G	0.1, G	0.2, G	③
(0—40)KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
(0—60)KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
(0—100)KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
(0—160)KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
(0—250)KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
(0—400)KPa	0.02,G	0.05,G	0.1, G	0.2, G	④
(0—600)KPa	0.02,G	0.05,G	0.1, G	0.2, G	④
(0—1)MPa	0.02,G	0.05,G	0.1, G	0.2, G	④
(0—1.6)MPa	0.02,G	0.05,G	0.1, G	0.2, G	④
(0—2.5)MPa	0.02,G	0.05,G	0.1, G	0.2, G	④
(0—4)MPa	0.02,G	0.05,G	0.1, G	0.2, G	④
(0—6)MPa	0.02,G	0.05,G	0.1, G	0.2, G	④
(0—10)MPa	0.02,SG	0.05,SG	0.1,SG	0.2,SG	④
(0—16)MPa	0.02,SG	0.05,SG	0.1,SG	0.2,SG	④
(0—25)MPa	0.02,SG	0.05,SG	0.1,SG	0.2,SG	④
(0—40)MPa	0.02,SG	0.05,SG	0.1,SG	0.2,SG	④
(0—60)MPa	0.02,SG	0.05,SG	0.1,SG	0.2,SG	④

注：G表示表压，SG表示密封表压；①确保温度范围为20±3℃；②确保温度范围为0—50℃；③非腐蚀性气体；④非腐蚀性的液体或气体

NOTES:G means gauge pressure, SG means seal gauge pressure; ①Make sure temperature deviates from 20±3℃
②Make sure temperature deviates from 0 to 50℃ ③Non-corrosive gases ④Non-corrosive gases or liquids.

(二)复合压力量程选型表 Compound Pressure Range

压力范围 Pressure range	准确度等级 Accuracy class ①	准确度等级 Accuracy class ②	准确度等级 Accuracy class ②	准确度等级 Accuracy class ②	介质 Medium
±16KPa	--	0.05,G	0.1, G	0.2, G	③
±25 KPa	--	0.05,G	0.1, G	0.2, G	③
±40 KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
±60 KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
±100 KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
(-100—160) KPa	0.02,G	0.05,G	0.1, G	0.2, G	③
(-100—250) KPa	0.02,G	0.05,G	0.1, G	0.2, G	③

注：G表示表压，SG表示密封表压；①确保温度范围为20±3℃；②确保温度范围为0—50℃；③非腐蚀性气体；④非腐蚀性的液体或气体

NOTES:G means gauge pressure, SG means seal gauge pressure; ①Make sure temperature deviates from 20±3℃
②Make sure temperature deviates from 0 to 50℃ ③Non-corrosive gases ④Non-corrosive gases or liquids.

YS-100 数字压力表

YS-100 digital pressure gauge



YS-100

产品概述 Product Overview

YS-100数字压力表是红旗仪表有限公司最新自主研发的专利产品。该压力表为全电子结构,采用美国进口16位CPU处理器,具有超强的抗干扰能力,极快的采样速度。编程使用浮点运算技术、数字滤波技术、看门狗技术等。传感器采用进口硅压阻芯片,该压力表属智能型压力表,精度高、跟踪速度快、工作可靠、寿命长、具有自保功能,用户可以放心使用。

YS-100 digital pressure gauge is the patented product newly independently developed by Hongqi Instrument Co., Ltd. Wholly electronically structured, the digital PG adopts American 16-digit CPU processor, with the ability of super anti-interference and highly rapid sampling. Programming adopts arithmetic technique of floating point, digital filtering technique, watchdog technique, etc. The sensor adopts American silicon piezoresistive chip. The Digital PG is an intelligent PG, which is highly accurate, simple in operation, reliable, durable and self-protective. Customers can rest assured use.

性能及技术指标 Function and technical index

- ◇测量范围: $-0.1 \sim 0 \sim 100\text{MPa}$, 可带小数点, 可根据客户要求做量程。
- ◇精度范围: 0.5%、0.2%、0.1%级。
- ◇显示: 液晶屏四位数码显示, 另外带有kPa或MPa字样。
- ◇工作介质: 与不锈钢兼容的各种液体、气体。
- ◇环境温度: $-20 \sim 60^\circ\text{C}$ 。
- ◇环境湿度: $\leq 85\%$ 。
- ◇压力接口 $M20 \times 1.5$ 标准螺纹。
- ◇可根据客户要求定做压力接口。
- ◇YS-100数字压力表, 使用电源分三种:
 - A: 交流 $\sim 220\text{V}$ 电源
 - B: 直流 -24V 电源 (1: 红; +) (2: 蓝; -)
 - C: 3.6V 干电池, 电池使用寿命为半年 (在恶劣的环境下使用, 可能会影响电池的寿命)
- ◇Range: $-0.1 \sim 0 \sim 100\text{MPa}$. Decimal is admissible. The range is flexible in accordance with customers' requirements.
- ◇Accuracy degree: 0.5%、0.2%、0.1%
- ◇Indicator: LCD screen displays four digits with kPa or MPa.
- ◇Medium: all kinds of liquid and gas not corrosive to stainless steel
- ◇Ambient temp: $-20 \sim 60^\circ\text{C}$
- ◇Ambient humidity: $\leq 85\%$
- ◇Connect $M20 \times 1.5$ standard thread
- ◇The thread model is flexible in accordance with customers' requirements
- ◇Power of YS-100 digital PG has three types:
 - A: A.C. 220V power
 - B: D.C. -24V power (1: red; +) (2: blue; -)
 - C: 3.6V battery, used lasting for half year (in severe condition, lifetime of battery will be affected)

YS-150 数字压力表

YS-150 digital pressure gauge



YS-150

产品概述 Product Overview

YS-150数字压力表是红旗仪表有限公司最新自主研发的专利产品。数字压力表为全电子结构,采用美国进口16位CPU处理器,具有超强的抗干扰能力,极快的采样速度。编程采用浮点运算技术、数字滤波技术、看门狗技术等。传感器采用美国进口硅压阻芯片。数字压力表属智能型压力表,精度高、跟踪速度快、操作简单、工作可靠、寿命长、具有自保功能,用户可以放心使用。

YS-150 digital pressure gauge is the patented product newly independently developed by Hongqi Instrument Co., Ltd. Wholly electronically structured, the digital PG adopts American 16-digit CPU processor, with the ability of super anti-interference and highly rapid sampling. Programming adopts arithmetic technique of floating point, digital filtering technique, watchdog technique, etc. The sensor adopts American silicon piezoresistive chip. The Digital PG is an intelligent PG, which is highly accurate, simple in operation, reliable, durable and self-protective. Customers can rest assured use.

数字压力表功能 Functions of Digital PG

- ◆具有压力上、下限保护功能。压力达到上限值时,声光报警;蜂鸣器响,上限指示灯亮。同时,继电器J1触点闭合,输出保护信号;当压力低于下限值时,下限指示灯亮,继电器J2触点闭合,输出下限保护信号。
- ◆压力上下限具体数值可由用户自行设定。
- ◆测量压力值由4位数码管进行实时显示。
- ◆测量精度等级可达0.2%, 0.1%。
- ◆输入:交流220V $\pm$ 15%。
- ◆输出:上限报警继电器J1、下限报警继电器J2,变送信号
(10~5V直流输出,或24~20mA输出)。
- ◆测量范围:-0.1~0, 0~100MPa,可带小数点,可根据客户要求定制量程。
- ◆It has protective function of upper limit and lower limit. When the pressure reaches upper limit, audible and visual alarm is launched: buzzer rings and indicator light of upper limit is on. Meanwhile, J1 contact of electric relay closes and outputs protective signal. When pressure is lower than the lower limit, the indicator light of lower limit is on, J2 contact of electric relay closes and outputs protective signal.
- ◆Customers can set the value of upper limit and lower limit freely in accordance with requirements.
- ◆Measured pressure value is displayed in actual time by four-digit nixie tube.
- ◆Accuracy degree is able to reach 0.2%
- ◆Input: A.C.220V $\pm$ 15%
- ◆Output: J1 Alarm electric relay of upper limit, J2 Alarm electric relay of lower limit, transmitted signal (10~5V DC output, or 24~20mA output)。
- ◆Range: -0.1~0, 0~100MPa. Decimal is admissible. The range is flexible in accordance with customers' requirements.

产品用途 Purpose in use

数字压力表是集压力测量显示、按点控制和变送输出为一体的测控产品。可直接安装于现场或试验控制台,对与不锈钢兼容的各种液体、气体等介质的压力进行测量和控制。

Digital PG is an item functionally integrated with pressure measurement, point control and transmitting output. Directly installed on spot or testing control board, it can measure or control the pressure of all kinds of liquid and gas which is not corrosive to stainless steel.

操作说明 Operation Instruction

AH表示压力上限, AL表示压力下限, AHH表示满量程, ALL表示最小量程, Abc指设置进入上下限调整程序的提示。

1. 通过接线插头, 将交流220V (或直流24V) 电源接通。
2. 电源接通后, 仪表进入测量状态, 数码管显示“0000”数据, 工作指示灯亮。
3. 按住“确认”键, 小于2秒, 进入查看程序。然后每按一下“确认”键, 依次显示:

AH: 表示压力上限; 压力上限具体设定值;
AL: 表示压力下限; 压力下限具体设定值;
AHH: 满量程 (最大量程) 值; 满量程 (最大量程) 具体数值;
ALL: 起始压力; 起始压力具体数值;

4. 修改上、下限报警数据具体步骤:

- ①长时间 (大于2秒) 按“确认”键不放。
- ②放开“确认”键后, 数码管显示“Abc”, 进入上下限调整程序, “调试”指示灯亮。
- ③再次按“确认”键, 显示“0000”, 此时用“加”、“减”、“移位”键输入“1111”密码, 后按“确认”键。
- ④然后用“加”、“减”、“移位”键调整AH (设定压力上限), AL (设定压力下限) 后, 用“确认”键保存设定值, 并进入测试状态, “工作”指示灯亮。

注: 若在调整程序中, 长时间 (约10秒) 没有按键被按下, 或是直接按下“复位”键, 则直接跳回测试状态, 且设定值不会被保存。

5. 最大量程AHH和起始压力ALL由厂方设定, 无法更改。

AH means upper limit of pressure, AL means lower limit of pressure, AHH means full range, ALL means minimum range, ABC means the prompt of entering the program of adjusting upper limit and lower limit.

1. Get through the power of A.C. 220V (or D.C. 24V) via plug.
2. After getting through, the gauge starts measuring, the nixie tube indicates “0000”
3. Press the button of confirm lasting within 2 seconds, entering the program of checking, it indicates successively:

AH: upper limit of pressure; specific set value of upper-limit pressure;
AL: lower limit of pressure; specific lower-limit pressure;
AHH: full range (maximum range); specific value of full range (maximum range);
ALL: initial pressure; specific value of initial pressure;

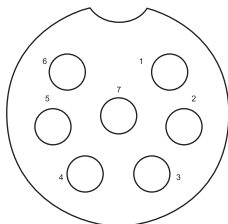
4. Specific steps of adjusting alarm value of upper limit and lower limit.

- ① Long press (more than 2 seconds) the button of confirm.
- ② Release the button of “confirm”, the nixie tube indicates “ABC”.
- ③ Press again the button of confirm and it indicates 0000 and then input “1111” via buttons of “More”, “Less”, “Shift”
- ④ And then adjust AH (upper-limit pressure) and AL (lower-limit pressure) via buttons of “More”, “Less”, “Shift” and then press “confirm” to save the set value and the gauge starts measuring and the indicator light of “Work” is on.

NOTE: During adjusting the program, if no button is pressed in more than 10 seconds or “Reset” is directly pressed, the gauge will go back into measuring and the set value won't be saved.

5. The maximum range AHH and initial pressure is set by manufacturer and cannot be changed.

外型及接线方式 Appearance and Mode of Connection



- ◇四个指示灯：
工作指示灯
调试指示灯
上限报警指示灯
下限报警指示灯
- ◇五个按钮：
确认按钮
移位按钮
减(-)按钮
加(+)按钮

- ◇Four indicator light:
indicator light of work
indicator light of adjust
Alarm indicator light of up
Alarm indicator light of low
- ◇Five buttons:
button of Confirm
button of Shift
button of Less(-)
button of More(+)
button of Reset

插头座接线图Wiring diagram of plug		
AC220V	1: 棕: 上限信号 Brown: upper limit signal	5: 白: 变送输出 “+” White: transmitting output “+”
	2: 黄: 下限信号 Yellow: lower limit signal	6: 灰: 变送输出 “-” Grey: transmitting output “-”
	3: 红: 220V电源端 4: 绿: 220V电源端 Red: 220V power end Green: 220V power end	7: 黑: 上、下限信号公共端 Black: public end of upper and lo

插头座接线图Wiring diagram of plug		
DC24V	1: 棕: 上限信号 Brown: upper limit signal	5: 白: 变送输出 “+” White: transmitting output “+”
	2: 黄: 下限信号 Yellow: lower limit signal	6: 灰: 变送输出 “-” Gray: transmitting output “-”
	3: 红: DC24V正端 4: 绿: DC24V负端 Red: DC24V positive end Green: DC24V negative end	7: 黑: 上、下限信号公共端 Black: public end of upper and lo

外形尺寸 Dimensions

YS-100数字压力表, 使用电源不同, 其外形也略有差别:

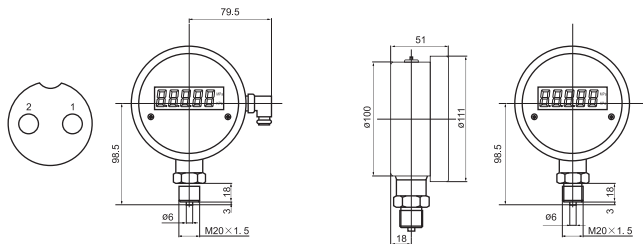
A: 交流~220V电源。

B: 直流24V电源(1: 红: +) (2: 蓝: -)。

Outlines of YS-100 digital PG vary a bit with different batteries

A: A.C. 220V power

B: D.C. -24V power (1: red; +) (2: blue; -).



使用注意事项 Notes

- ◇使用时, 过载压力不得超过量程的10%。
- ◇更换电池时, 如发现显示异常, 请按下线路板正面的复位(RST)键即可。
- ◇用户需特别注意直流24V电源线正负极的方向, 若接错容易烧坏仪表。
- ◇如仪表发生故障, 请联系本公司售后人员, 切勿自行拆除或碰触底端传感器以免损坏传感器膜片。
- ◇During using, over-load pressure cannot exceed 10% of the full range.
- ◇When changing the battery, press reset button (RST) on the front of circuit board if the screen doesn't indicates normally.
- ◇Users should pay attention to the positive and negative directions of DC 24V power. If they are mistaken, the gauge will easily gets burned.
- ◇If the gauge breaks down, please contact after-sales personnels of our company, do not dismantle it or touch the end of sensor by yourself in case of damaging the diaphragm of sensor.

YS-100A系列智能数字压力表

YS-100A intelligent digital pressure gauge

产品概述 Product Overview

YS-100A智能数字压力表采用全电子结构,采用进口16位微控制器,具有超强的抗干扰能力和极快的采样速度。

With electronic construction and imported 16-bit micro-processor, YS-100A intelligent digital pressure gauge possesses powerful anti-interference performance and fast sampling frequency.



YS-100A

技术指标 Technical Parameters

- ◇测量范围: $-0.1 \sim 100$ MPa, 可带小数点, 根据客户要求订做。
- ◇精确度等级: 0.1, 0.2或0.5级。
- ◇测量压力变送信号输出: $\textcircled{1} 0 \sim 5\text{V} / \textcircled{2} 4 \sim 20\text{mA}$ 。
- ◇显示: 液晶屏四位数码显示, 另外带有KPa或MPa单位显示。
- ◇工作电源:
 - A: 交流 $\sim 220\text{V}$ 电源;
 - B: 直流 $\sim 24\text{V}$ 电源(1: 红 "+", 2: 绿 "-")。
- ◇工作环境:
 - 环境温度: $(-20 \sim 60)^{\circ}\text{C}$;
 - 环境湿度: $\leq 85\%$;
 - 大气压力: $(86 \sim 106)\text{kPa}$ 。
- ◇Scale ranges: $-0.1 \sim 100$ MPa, decimal place is available; other required range is available.
- ◇Accuracy class: $\pm 0.1, 0.2$ or 0.5% .
- ◇signal output for pressure measurement: $\textcircled{1} 0 \sim 5\text{V} / \textcircled{2} 4 \sim 20\text{mA}$.
- ◇Display: LCD screen; four-digit outcome with two variable pressure units including KPa and Mpa.
- ◇Power supply: Prior to purchase, buyers must choose only one power supply solution from the two following ones, AC 220V or DC 24V.
- ◇Working Condition
 - Working temperature: -20 to 60°C
 - Permissible humidity: No more than 85% of relative humidity
 - Atmospheric pressure: $(86 \sim 106)$ KPa.

YS-100B系列智能数字压力表

YS-100B intelligent digital pressure gauge

产品概述 Product Overview

YS-100B系列智能数字压力表采用全电子结构及进口16位微控制器，具有超强的抗干扰能力和极快的采样速度。可设定上、下限报警压力值及保护功能。

With electronic construction and imported 16-bit micro-processor, YS-100B intelligent digital pressure gauge possesses powerful anti-interference performance and fast sampling frequency. When the measured pressure reaches to upper pressure limitation or lower pressure limitation, its alarm will go off and self-protection will be automatically activated.



YS-100B

技术指标 Technical Parameters

◇测量范围：-0.1—0—100MPa,可带小数点，根据客户要求订做。

◇精确度等级:0.1, 0.2或0.5级

◇测量压力变送信号输出: ①0—5V/24—20mA

◇显示：液晶屏四位数码显示，另外带有KPa或MPa单位显示。

◇工作电源

A:交流-220V电源

B:直流-24V电源 (1:红 “+”，2:绿 “-”)

◇工作环境

环境温度：(-20~60) °C

环境湿度：≤85%

大气压力：(86~106) KPa

◇Scale ranges: -0.1—0—100MPa, decimal place is available; Other required range is available.

◇Accuracy class: ± 0.1, 0.2 or 0.5%.

◇signal output for pressure measurement: ①0—5V/24—20mA.

◇Display: LCD screen; four-digit outcome with two variable pressure units including KPa and Mpa.

◇Power supply : Prior to purchase, buyers must choose only one power supply solution from the two following ones, AC 220V or DC 24V.

◇Working Condition

Working temperature: -20 to 60°C

Permissible humidity: No more than 85% of relative humidity

Atmospheric pressure: (86~106) KPa.

YBS-100系列精密数字压力表

YBS-100 digital pressure gauge with high precision



YBS-100

产品概述 Product Overview

YBS-100系列精密数字压力表采用全电子结构及进口16位微控制器，具有超强的抗干扰能力和极快的采样速度。传感器采用进口硅压阻芯片。

It can be applied for those gaseous or vaporous media which don't explode, crystallize and freeze, and corrode stainless steel.

技术指标 Technical Parameters

- ◇测量范围：-0.1—0—100MPa,可带小数点，根据客户要求订做。
- ◇精确度等级：0.1、0.2或0.5级
- ◇显示：液晶屏五位数字显示，另外带有KPa、MPa、Pa、mbar、bar、kgf/cm²、psi、mmH₂O、inH₂O和inHg等11种压力单位转换
- ◇工作电源：内置3.6V锂电池一节
- ◇电池使用寿命：1年,但在恶劣环境中可能会缩短电池寿命；电池电压过低时，电池图标闪烁。
- ◇工作环境
 - 环境温度：（-20—60）℃
 - 环境湿度：≤85%
 - 大气压力：（86—106）KPa
- ◇scale ranges：-0.1—0—100MPa, decimal place is available；Other required range is available.
- ◇Accuracy class：±0.1,0.2 or 0.5%.
- ◇Display：LCD screen；five-digit outcome with 11 variable pressure units including, KPa, Mpa, psi, etc.
- ◇Power supply：Built-in 3.6V lithium battery.
- ◇Span of battery：1 year, it will shorten under harsh condition；When the voltage become low, the battery icon will be on.
- ◇Working Condition
 - Working temperature：-20 to 60℃
 - Permissible humidity：No more than 85% of relative humidity
 - Atmospheric pressure：（86—106）KPa.

YZW-150系列中文压力表

YZW-150 chinese digital pressure gauge

产品概述 Product Overview

YZW-150系列中文压力表采用美国进口16位CPU处理器，具有超强的抗干扰能力和极快的采样速度。编程使用浮点运算技术、数字滤波技术及看门狗技术等。可设定上、下限报警压力值及保护功能。

YZW-150 Chinese digital pressure gauge adopts 16-bit processor imported from America, with powerful anti-interference and fast sampling ratio. Floating-point operations and digital wave filtering watchdog and technology are used in programming. When the measured pressure reaches to upper pressure limitation or lower pressure limitation, its alarm will go off and self-protection will be automatically activated.



YZW-150

技术指标 Technical Parameters

- ◇测量压力变送信号输出: ①0—5V②4—20mA
- ◇实测压力值由液晶屏上四位数字显示。
- ◇精确度等级: 0.1或0.2级
- ◇测量范围: -0.1—0—100MPa, 可带小数点, 根据客户要求订做。
- ◇signal output for pressure measurement: ①0—5V②4—20mA
- ◇pressure value of four-digit outcome showed on LCD screen
- ◇accuracy class: ± 0.1 or 0.2%
- ◇scale ranges: -0.1—0—100MPa, decimal place is available; Other required range is available.