Tai Yuan TaiCo Pressure-Measuring Technology Co., Ltd, China, is a high-tech enterprise in Tai Yuan city and had passed ISO9001-2000 quality system certification. The company is mainly engaged in pressure, temperature, humidity areas, such as products design, development, production, marketing and sales. The company relies on advanced production equipment, perfect process, reliable military industry quality assurance system and domestic first-class production line test equipment, develops self-owned intellectual property rights that can reach the world advanced level in various types of instruments and test equipments.

The company has 50 years in producing the Dead weights (piston gauge). Gas Pressure Calibration systems (absolute, negative, gauge) and BHY-type Dead Weights are our main products.

Our products also includes: Sensor, Digital Pressure Indicator, Air Data Test Set, Pressure Controller, Coal Mine Safety and Pressure Standard and so on. In domestic, we have definite markets in the world. Now we expect to develop our products to the foreign countries. We hope we can know each other through the exhibition and look forward to cooperating with you.
1. YKQ-10 Automated Gas Pressure Controller

Automated pressure controller uses PWM technology, with a series of advantages, which is high control accuracy, control stability, fast, etc. The instrument has color screen and the Chinese interface. Pressure test point can be set up through the panel, and is suitable for sensors in the laboratory and production line use.

Model: YKQ-10
◆ Range: 1~110kPAA; 1~350kPAA; 0~700kPaG
◆ Accuracy classes: ±0.02FS
◆ Control precision: ±0.003%FS
◆ Rate: 1~50hPa/s (changeable)
◆ Control volume: 1000ml
◆ Pressure units: A variety of pressure unit conversion
◆ Operation temperature: 0°C~40°C
◆ Operation: Through the settings of front panel, can also be controlled through the operation of host computer.

2. Gas Pressure Calibration System (absolute pressure-type)
Main technical specifications:
◆ Model: BQY−4000
◆ Range: 10～160kP; 20～400kPa; 50～2000kPa; 100～7000kPa
◆ Accuracy classes: ±0.02FS; ±0.01FS; ±0.005FS
◆ Piston material: Piston rod: stainless steel / tungsten carbide
   Cylinder: tungsten carbide
◆ Weight material: Stainless steel
◆ Specific weight: Special "kg" weight
◆ Working medium: Pure nitrogen or air
◆ Pressure measurements: Gauge and absolute pressure
◆ Configuration: Instrument contains temperature sensors, vacuum gauges and electrical build-in.
◆ Output by the vacuum cove: KF25 quick release flange.
◆ Explanation: 1. Apparatus without power supply, when using it, need to purchase another bottle of nitrogen, high pressure gas cylinder pressure regulating valve and two vacuum pumps.

   2. Apparatus without lighting, need to separately buy lighting and corresponding accuracy classes of small weights when conduct the amount of mass.

Character:
◆ An instrument that can be installed multiple range piston assembly.
◆ When the pressure value is set through the display, the instrument can automatically calculate the weight added by the quality and the number mark.
◆ When the display is set by the quality of the added weight, the
instrument can automatically calculate the pressure value.

◆ Instrument can be reset by panel size, gravity, weight quality, and a high degree of poor parameter.

3. BHY-type Dead Weight

Summary:

The specifications of the piston pressure gauge consistent with JJG59-2007 test procedures. Pistons use the exclusive imported parts and cylindrical grinding machine. Its roundness, straightness and other geometric tolerance processing with general-purpose machining equipment, spare parts are higher than at least one order of magnitude. In order to ensure the piston duration, the rate of decline, and the piston area such as the ability to distinguish various technical indicators have reached the Verification Regulation requirements.

Main technical specifications:

◆ Model: BHY-0.6B/6B/60B/100B/160B/250B

◆ Accuracy classes: ±0.05FS

◆ Working medium: Transformer oil and kerosene blend, Di-iso-octyl sebacate.

◆ Piston material

Piston rod: stainless steel (0.6MPa, 6Mpa)
Piston rod: tungsten carbide (60MPA; 100MPa; 250Mpa)

Cylinder: tungsten carbide

◆ Weight material: Carbon steel, stainless steel,

◆ Revised weights: When using the instrument, you can amend the weight according to the local gravity acceleration and the deformation coefficient.

◆ Pressure measurements: Gauge pressure

◆ Pressure output: Internal thread M20 × 1.5

◆ Measured interface: Twice

◆ Standard: Verification procedures JJG59-2007

4. SB-2Q Pneumatic Pump

SB-2Q pneumatic pump has two functions: build pressure function and sparse feature space function. The pump is used suppress part of the lever-type pressurized structures—labor-saving. The internal one-way sealing valve is based on advanced and unique structural design, sealed and reliable, and high efficiency. At the same time, the integration of "pressure — pressure release — vacuum" switch makes the whole structure more compact, which not only reduce the weight of the hand pumps, while improving reliability. The built-in fine tuning has the characters of continuously adjustable, easy and smooth without fluctuations. Pneumatic pump inside the sealed is used the original
imported seals, so it is sealing a good, long life and easy maintenance.
The pneumatic pump is installed these components: transfer switches, pipes, output interface and others. The instrument includes the vacuum pump, compression pump, fine-tuning, pipes, switches, calibration stand, which can be as one of the manual gas supply system.

Main technical specifications:
◆ Model: SB-2Q
◆ Working pressure: -0.095 ~ 2MPa(Calculated in accordance with standard atmosphere)
◆ Sparse space height: 20000m
◆ Working medium: Air
◆ Dimensions: The length is 380mm, the width is 110mm and the height is 160mm.
◆ Weight: 3.5kg