



A supplier of solution on weighing

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COMPANY PROFILE

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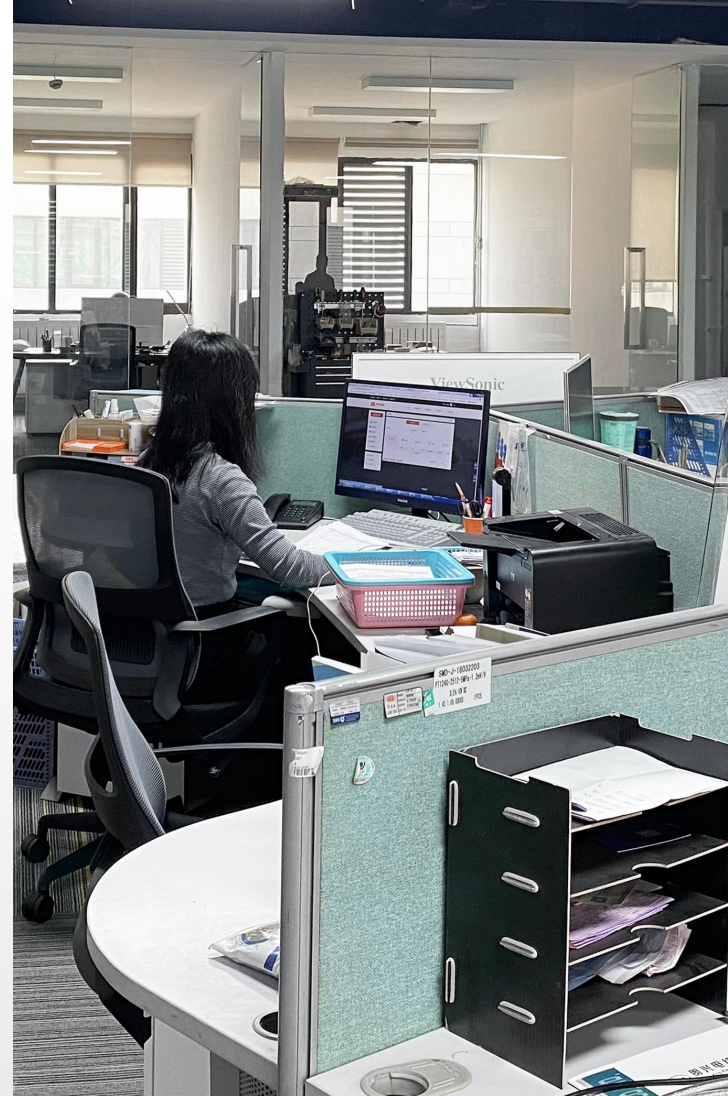
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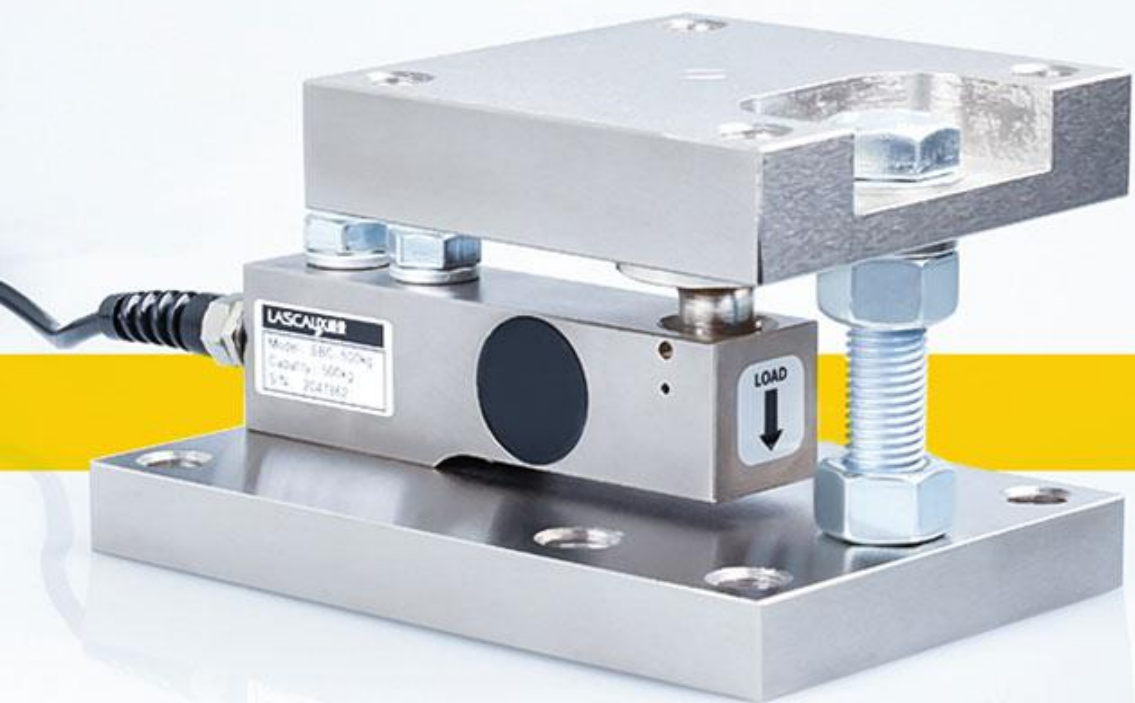
We focus on manufacturing a variety of weighing sensors, including nominal conventional standard sensors. You can also make specially designed products, customized to meet special needs. We are willing to accept a variety of new challenges, pay attention to the development of various new weighing elements, in order to better meet the needs of modern weighing instruments and industrial measurement and control field .

**Precise
Reliable
Professional**

Content

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weighing module installable with vessel
tank and other type of container
scope: 200g-1200t

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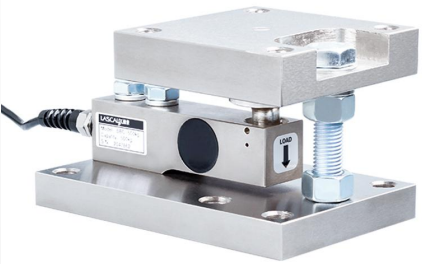


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Precise Reliable Professional

Weighing Modules

Explosion-Proof



FWC

0.5...5t

Explosion-Proof



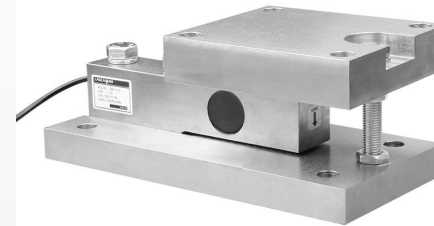
GL

10...50t



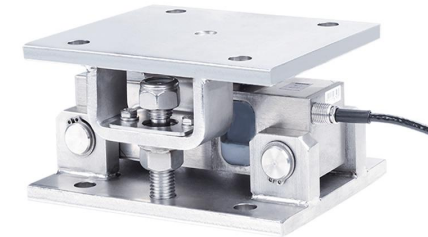
M23

10...500kg



FW

500kg...7.5t



WM603

10...30t

Quantity selection of weighing module: For the material tanks with installed support feet, the number of weighing modules will be determined according to the number of support feet. Generally speaking, several sensors are selected for several support feet. If it is a newly installed container, if it is a vertical cylindrical container, the three-point support is relatively stable if the influence of wind, shaking and vibration is appropriate. Horizontal containers should be supported by four points.

Range selection of weighing module: fixed load (weighing table, batching tank, etc.) + variable load (weighing load) select 70% of the sensors equipped with the rated load of the sensor, of which 70% of the coefficient is added by considering vibration, impact and partial load factors. (You can consult the customer service to choose the model for you)



101M

5...5000kg



GW

10...50t

Application of weighing module

Tank weighing system

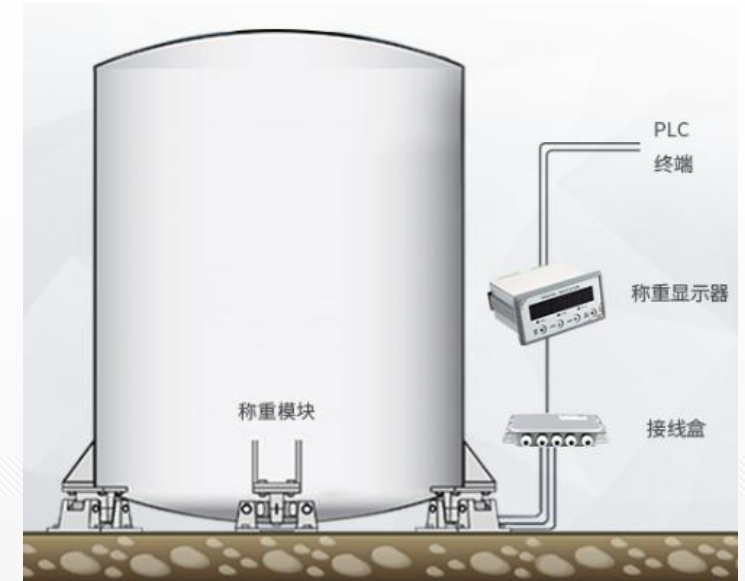
The tank weighing system uses the combination of multiple weighing modules (weighing sensor), multiple junction box (amplifier) and multi-range control signal of display instrument output to control the tank.

Rationale

The weight of the tank is collected by using the weighing module on the foot of the tank, and then the data of multiple weighing modules are transmitted to the instrument through the multi-entry and single junction box. The instrument can realize the weight display of the weighing system in real time. The switching volume module can also be added on the instrument to control the feed motor of the material tank through the relay switch. The instrument can also give rs485, rs232 or analog signals, transmit the weight information of the tank to the control equipment such as plc, and then control by plc.

Used in fields

The tank weighing system can measure ordinary liquid, high viscosity liquid, grinding materials, thick bulk materials and foam, etc. It is suitable for chemical industry explosion-proof reactor weighing system, feed industry ingredient system, oil industry deployment weighing system, food industry reactor weighing system, glass industry ingredient weighing, etc.



Installation of weighing module

Examples



- ① pressure type weighing module: the storage tank or other structure is mounted above the weighing module.
- ② tension type weighing module: the storage tank or other structure is suspended under the weighing module.

According to the load size, shape and site conditions of the vessel, the installation method is mainly divided into two categories in the figure above. The choice of pressure type or tension type weighing module mainly depends on the specific application.



**Application
of Weighing
module**





Precise , Reliable, Professional
suppling solution for weighing
application , scope 200t-1200t

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Load cells and Force Sensors



S type load cell



single point load cell



Pancake load cell



Beam load cell



Disk load cell

- Lijing sensor has 17 years of experience in sensor manufacturing research and development, weighing measuring sensor products include single point weighing sensor, cantilever weighing measuring sensor, s type weighing measuring sensor wheel spoke, column weighing measuring sensor, round plate measuring sensor, micro weighing measuring sensor, pin sensor and all kinds of non-standard custom sensor. We can provide 200g-1200t weighing sensor, provide free weighing force measurement solutions and installation guidance, to escort your weighing equipment.



Compression load cell



mini load cell

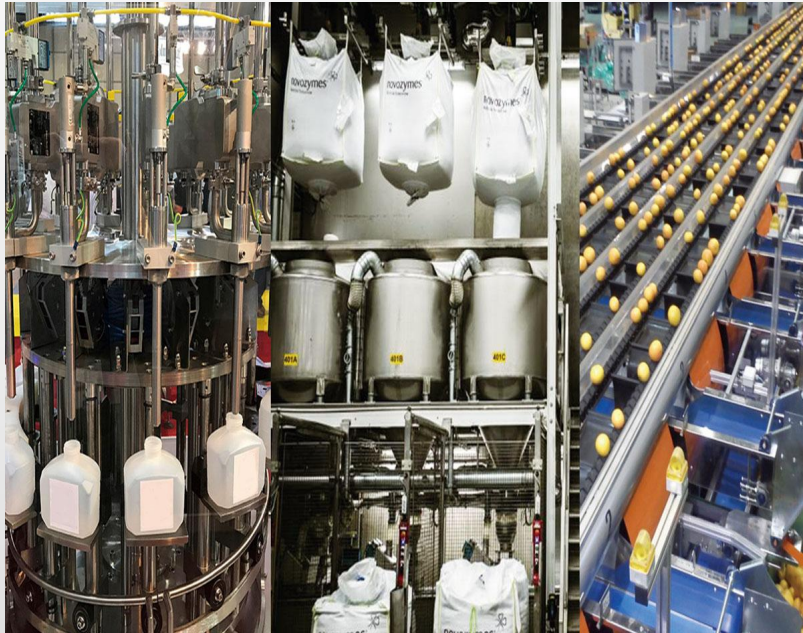


Scaling solution

Electronic weighing weighing solution is suitable for: electronic scale platform scale, inspection scale, belt scale, forklift scale, floor weight, automotive scale, track scale, livestock scale, etc.

vessel weighing solution

Enterprises use a large variety of storage and metering tanks in the material storage and production process. Will encounter material measurement and production process control problems. Application of the weighing sensor can solve this problem quite well.



Process controlling system

The common application of weighing sensor products in the production process control system is applicable to: canning weighing system, ingredient weighing system and inspection weight sorting system

Used in Retail cabinet

The scheme is to install a weighing sensor on each aisle of the unmanned retail cabinet to judge the goods taken by sensing the weight change of the goods on the aisle or the number change of the same product with a single weight.

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Intelligent shelf weighing system

The system can facilitate real-time quantity and stock monitoring and management of materials, reduce inventory scale and reduce inventory backlog. Timely warning and supplement, reduce or avoid the shutdown of production caused by lack of materials.

Intelligent onboard weighing system

The vehicle weighing solution is applicable to: sanitation garbage trucks, logistics vehicles, trucks, muck trucks and other vehicles that need to be weighed .

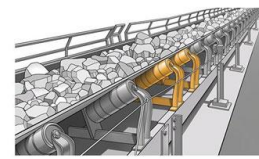
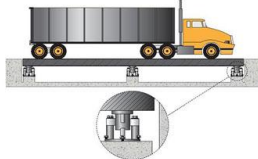
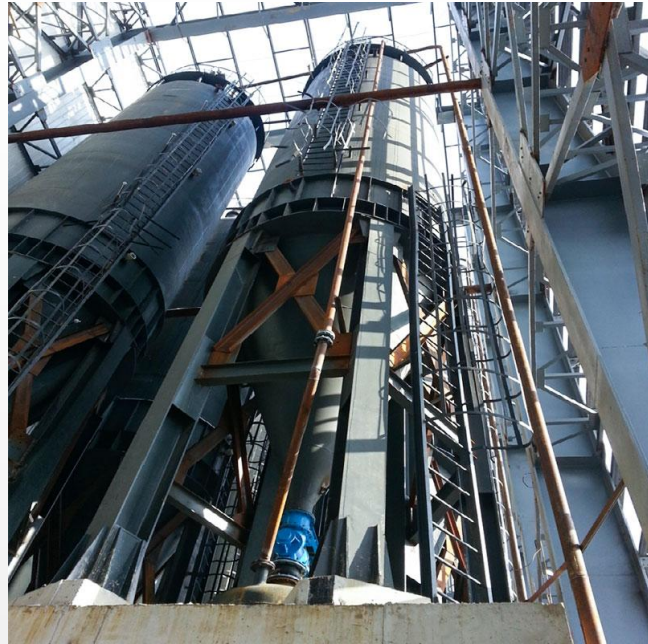


Smart canteen weighing system

The canteen weighing system integrates the weighing sensor and rfid reading and writing device to sense the weight changes before and after beating the tray and bowl into the reading and writing area. Realize intelligent weighing measurement, no sense of deduction fee.

Various solutions for weighing industries

Our weighing system is also widely used in medicine weighing biomedicine, weighing medical bed, tmr feed mixer, crane, smart shopping cart and other applications.



**Weighing
sensor
application
occasions**





Meet the needs of various industry tension measurement

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Load cells and Force Sensors



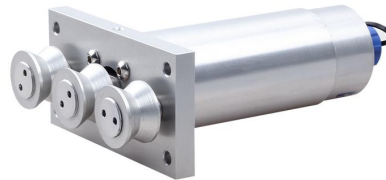
RL

5...30t



CLT

10...250kg



TR

0.1...50kg



UPB

150kg...10t



LT

0.2...2kg

sensor is used in the process of tension control, to measure the tension value, according to its external structure is divided into:

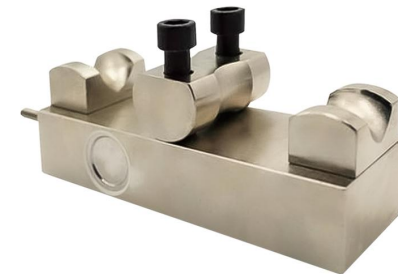
shaft table, shaft, cantilever, etc., suitable for a variety of optical fiber, yarn, chemical fiber, wire, wire, cable and other places.

- Meet all kinds of needs for tension measurement industry: wood production, building materials, film cutting, vacuum coating, coating machine, film blowing machine, tire forming machine, wire curtain cutting machine, vertical cutting production line, aluminum foil coating line, rolling production line, color coating production line, optical fiber equipment, gypsum board production line, curtain canvas rubber machine, carpet production line, battery lamination machine, lithium strip machine, lithium rolling mill machine, etc.



TS

0.5..3kg



COS

0.5...20t

Tension Sensor applications

Free tension solutions to
welcome your consultation





Meet the various requirements
in weighing system

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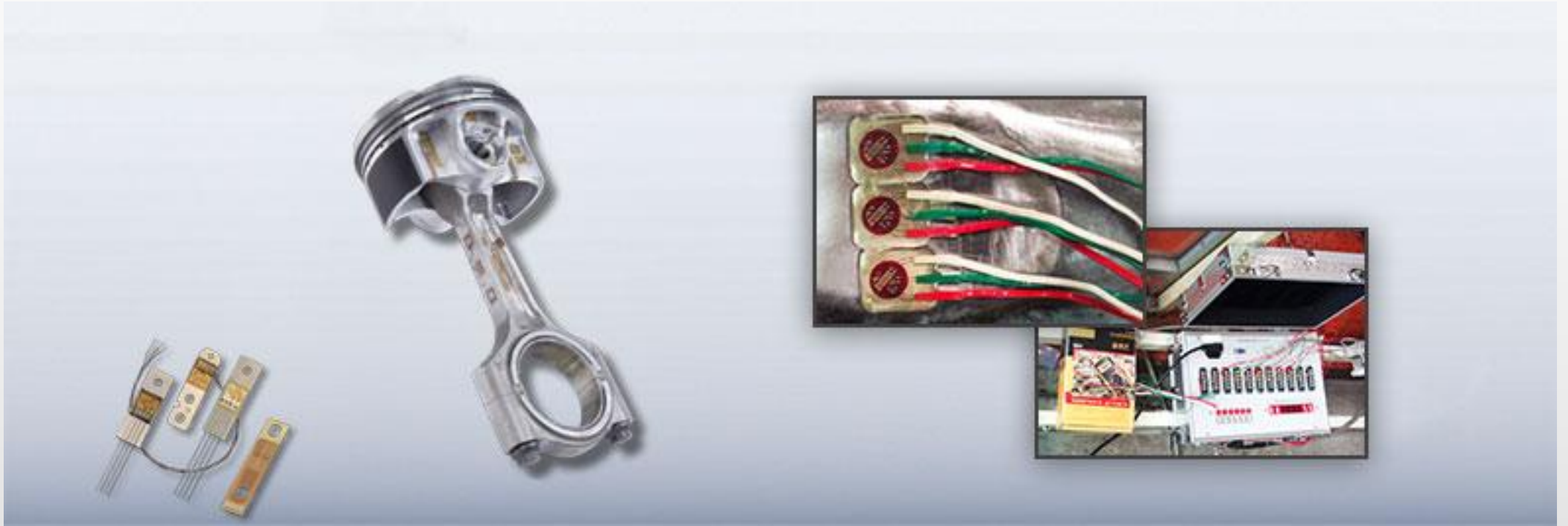


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Precise Reliable Professional

We can provide resistance strain sensors for various measurements

Combined with nearly 20 years of application experience in strain electric testing products, we can help customers to choose the right model of products for suitable testing purposes. When the catalog products cannot meet the test requirements, we can provide customized services according to the actual test needs of customers, that is, to design and customize a product that meets the test requirements. We can provide a perfect strain gauge installation service



Wind turbine
stress test

Print circuit board
stress test

Micro-size
strain gauge

Stress test in high-
temperature environment

Stress test in
harsh environment

Stress testing in
other industries



welcome to consult

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