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PRODUCT INTRODUCTION

Professional Product | Specialist Solution | Concentrative Service



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AI MEASUREMENT DATA SERVICE

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About Zonjli 关于众加利

Jiangxi Zonjli High-tech Co.,Ltd. established in 1999, the headquarter located at Nanchang high-tech development zone, Jiangxi province. Zonjli is a high-tech enterprise of AI measurement data service, which integrating R&D, production, sale and service. Zonjli has been committed to depth research and market application of AI measurement data in smart, visualization and remote field for more than 20 years. Through science and technology's power to help customer, achieve customer. Zonjli was listed on the New Third Board in July 2016, stock code: 838082.

Zonjli attaches great importance to construction of marketing and service network. At present we have set up branches and offices in Nanchang, Xinyu, Guangzhou, Shanghai and Tianjin. Have established partners and service centers in many provinces and cities across China. At the arrival of industry 4.0 and 5G Internet of Things, Zonjli will continue to be oriented by industry demand, constantly explore the frontier direction of scientific and technological development, constantly increase investment in R&D and innovation, solve industry problems, create value for customers and achieve the national brand dream of century-old high-tech enterprise of AI measurement data service.

江西众加利科技股份有限公司创立于1999年，总部位于江西省南昌市高新开发区，是一家集研发、生产、销售、服务一体的AI计量数据服务的高科技企业。二十多年始终致力于AI计量数据智能化、可视化、远程化的深入研究与市场应用，用科技的力量帮助用户，成就客户。公司2016年7月在“新三板”挂牌上市，股票代码：838082。

众加利十分重视营销与服务网络建设，目前已在南昌、新余、广州、上海、天津设立分公司及办事处，在全国众多省市建立了合作伙伴和服务中心。在工业4.0、5G物联网到来之际，众加利将继续以行业需求为导向，不断探索科技发展的前沿方向，不断加大研发创新投入、解决行业难题，为客户创造价值，成就“AI计量数据服务百年高科技企业”的民族品牌梦。

Our Glory 我们的荣耀

As a leader in China's weighing apparatus industry, Zonjli is the vice chairman unit of China Weighing Apparatus Association, the deputy director unit of China Highway Automatic Weighing Apparatus Professional Committee, the member of China Weighing Apparatus Industry Technical Standard Committee, and the chairman unit of the Jiangxi measurement and testing society. Zonjli has been recognized as a national high-tech enterprise since 2006, and has won many honors and qualifications, such as provincial independent innovation enterprise, first grade honest enterprise, abide by contract and reputable enterprise, advanced enterprise in Nanchang high-tech zone, Jiangxi famous brand product, and national-level "specialized, refined, special and new" little giant enterprise recognized by the ministry of industry and information technology.

众加利作为中国衡器行业的佼佼者，是中国衡器协会副理事长单位，中国公路自动衡器专业委员会副主任委员单位，中国衡器行业技术标准委员会委员单位，江西省计量测试学会理事长单位。从2006年起持续至今通过了国家高新技术企业认定，先后获得省自主创新企业、一级诚信企业、守合同重信誉企业，南昌高新区先进企业、江西名牌产品、工信部国家级“专精特新”小巨人企业等多项荣誉资质。



5G Digital Production Line Quality Assurance

Zonjli's manufacture base is located in Xinyu city, Jiangxi province, which equip with excellent 5G digital smart production line, can automatically generate production task instruction according to orders. Technicians can remotely monitor production progress and abnormal information on site, to realize online management. The material transportation of whole line uses AGV automatic

transfer, automatic welding and automatic spraying, which can realize flexible production. The whole process of product production is strictly compliance with ISO9001 quality system and "5S" on-site management mode, implement quality control of whole process, sales products cover whole china area, and exported to more than 50 countries around the world.

5G数字化产线 品质保证

众加利的江西新余生产基地装备了国内优秀的5G数字化智能产线，可自动根据订单生成生产任务指令，技术人员可以通过远程监控现场的生产进度和异常等信息，实现在线化管理；整线的物料输送使用AGV自动转运，自动化焊接自动化喷涂，可实现柔性化生产。产品生产全程严格执行ISO9001质量体系 and "5S" 现场管理模式，实施全流程品质管控，产品覆盖全国，并远销全球50多个国家。

Numerical Control Hydraulic Guillotine Shear 数控液压剪板



Laser Sheet Cutting 激光板料切割



Numerical Control Sheet Metal Bending 数控板料折弯



Robot Automatic Welding 机器人自动焊接



Weight Calibration 砝码标定



Automatic Painting and Baking 自动喷漆烘烤



Horizontal Shot Blast Cleaning 卧式抛丸清理



Robot Automatic Splice End Plate 机器人组端板



Electronic Truck Scale 电子汽车衡

Electronic truck scale is consists of weighing platform, load cell, indicator, junction box and cable. Besides it also can connect to printer, computer, scoreboard, stabilized voltage supply , power surge protector and other external equipment, so as to form perfect weighing management system.

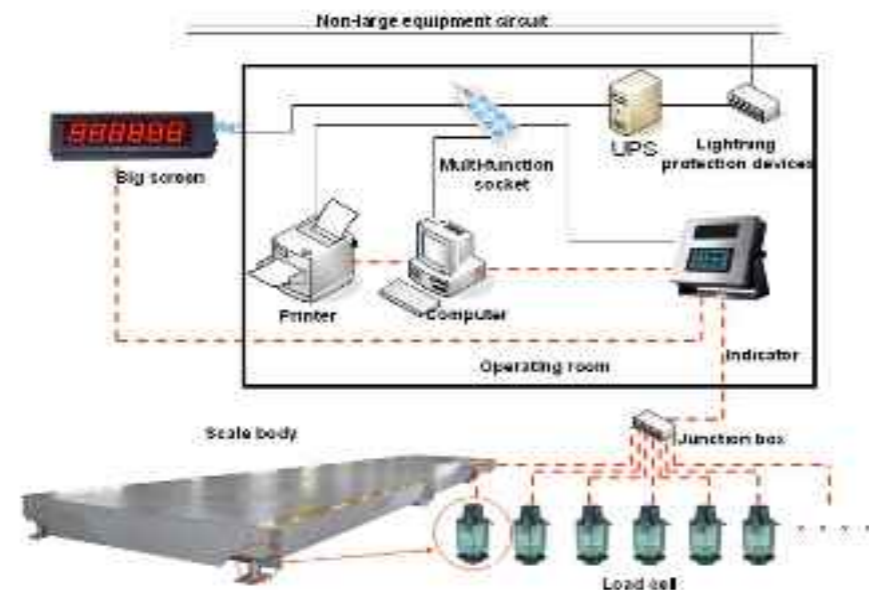
电子汽车衡主要由秤台、称重传感器、称重显示仪表、接线盒及电缆等组成，还可以选配打印机、计算机、大屏幕显示器、稳压电源和电源浪涌保护器等外部设备，从而构成完善的称重管理系统。

At present Zonjli already formed a variety of multi-function series truck scale, for example analog truck scale and digital truck scale. Weighing platform is made of U beam, which is all steel and sealed completely.

目前众加利汽车衡已形成多品种、多功能的系列化产品，有模拟式和数字式称重技术的产品，秤体采用U型梁全钢焊接密封结构。

Truck scales are widely used in metallurgy, mining, machinery, chemical, port and all kinds of truck weighing measurement, which is the international advanced measuring equipment.

产品广泛适用于冶金、矿山、机械、化工、港口等厂矿企业以及物资仓库的各类载重汽车的称重计量，是具有国际前列水平的计量设备。



Main Function 主要功能

- ◆ Modularization, serialization weighing platform, multi-module combination
模块化、系列化秤台，多单元组合
- ◆ Automatic reset force transmission system
自动复位传力机构
- ◆ Digital displays gross weight, net weight and tare weight
数字显示毛重、净重、皮重
- ◆ Record recently 10 times overload
最近10次超载记录
- ◆ Digital filtering, clear away tare weight automatically
数字滤波、自动零跟踪
- ◆ Don't need to calibrate when replace indicator
更换仪表不需要重新标定
- ◆ With accurate clock, calendar, automatic leap year leap month, don't influence by off power.
具有精确的时钟、日历、自动闰年、闰月，不受断电影响
- ◆ Store vehicle No. and tare weight, sub-item accumulation and total accumulation
车号、皮重存储，分项累计、总累计
- ◆ Environmental adaptability is strong, can be moisture-proof and anti-corrosive, resistance to radio frequency interference
环境适应性强，可防潮、防腐、抗射频干扰



Weighing Platform Basic Structure Feature 秤台结构特点

- ◆ The material of weighing platform adopts high quality carbon structural steel material
汽车衡秤台材料采用优质碳素结构钢材料
- ◆ Using high precision numerical control equipment to produce truck scale (such as 7 meters length numerical control sheet metal bending machine, 7 meters length numerical control hydraulic guillotine shear)
使用高精度数控设备生产（7米大型数控折弯机，7米大型液压剪板机等）
- ◆ Using automatic and semi-automatic carbon dioxide protection welded, welding is firm and reliable
使用自动和半自动二氧化碳保护焊接而成，焊缝饱满均匀，焊接牢固可靠
- ◆ Adopting unique vertical position welding to resist deformation, to ensure that weighing platform structure is fastness and the appearance of truck scale is straight and beautiful
使用独特的立焊、反变形等生产制造工艺，保证了秤体结构牢固、外型平直美观
- ◆ Using large overall shot blasting machine conduct whole surface shot blasting to make the adhesion of surface paint is stronger
使用大型整体抛丸机进行整体表面抛丸，使表面油漆附着力更强
- ◆ Modularization and standardization's production, the stability of production guarantees weighing platform's stability and consistency
模块化标准化生产，生产的稳定保证了秤体的结构稳定性和一致性
- ◆ Modularization and standardization's weighing platform can meet customer's requirement about all kinds of platform size
模块化标准化汽车衡秤台，可以满足用户的各种台面尺寸的需求
- ◆ Through professional software proceeds force analysis for weighing platform, optimization design
专业软件对秤台进行受力分析，最优化的设计
- ◆ Guarantee weighing platform's bearing strength
保障秤台承载强度

Electronic Truck Scale G Series 电子汽车衡G系列

- ◆ Suitable for super-wide truck scale, optional from 3m~6m, weighing platform length can be adjusted according to user requirement.
秤台纵向连接为搭接式，秤台长度可随用户要求即行调整，秤体宽度可调范围大，从3米~5米间可选。
- ◆ Q235 steel material, weighing platform adopts U beam structure, it has high anti-bending strength.
Q235钢材，秤体采用U型梁结构，与其它型材相比具有抗弯强度高的特点。
- ◆ Adopt cross girder as transverse stiffener, with better safety overload capacity.
采用横梁作为横向构件，其安全过载能力比普通的秤台间螺栓连接更高。
- ◆ It can equip with guardrail and ramp.
可配护栏与引坡。



Electronic Truck Scale T Series 电子汽车衡T系列



- ◆ Save sea freight, one 20 feet container can packed 2 set 3x18m truck scale
节省海运费用，一个20尺柜集装箱能装两台3x18m汽车衡
- ◆ Q235 steel material, weighing platform adopts U beam structure, it has high anti-bending strength
Q235钢材，秤体采用U型梁结构，与其它型材相比具有抗弯强度高的特点
- ◆ Packing truck scale to container conveniently, easy installation
方便装箱，容易安装
- ◆ It can equip with guardrail and ramp
可配护栏与引坡

Electronic Truck Scale Specification and Parameter 电子汽车衡的选型

| Accuracy grade | OIML III | | | | | | | |
|-----------------------------|----------|-----|-----|-----|-----|-----|-----|-----|
| Max. Weighing Capacity (t) | 20 | 30 | 40 | 50 | 60 | 80 | 100 | 120 |
| Division value (kg) | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 |
| Axle-loading(t) | 10 | 15 | 20 | 20 | 25 | 35 | 40 | 40 |
| Thickness of top plate (mm) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 10 |
| Installation height (mm) | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 |
| Load cell capacity(t) | 20 | 20 | 30 | 30 | 30 | 30 | 30 | 30 |

| Size of weighing platform (mxm) | | | | | | Weighing Platform Module | Qty. of load cell | Optimization |
|---------------------------------|---|---|---|---|---|--------------------------|-------------------|--------------|
| 3x6 | ◆ | ◆ | | | | 5.72 | 4 | |
| 3x8 | | ◆ | ◆ | ◆ | ◆ | 4+4 | 6 | |
| 3x9 | | ◆ | ◆ | ◆ | ◆ | 5+4 | 6 | ★ |
| 3x10 | | ◆ | ◆ | ◆ | ◆ | 5+5 | 6 | ★ |
| 3x12 | | ◆ | ◆ | ◆ | ◆ | 5.72+5.72 | 6 | ★ |
| 3x14 | | | ◆ | ◆ | ◆ | 5+4+5 | 8 | |
| 3x15 | | | ◆ | ◆ | ◆ | 5+5+5 | 8 | ★ |
| 3x16 | | | | ◆ | ◆ | 5+5.72+5 | 8 | ★ |
| 3x18 | | | | ◆ | ◆ | 5.72+5.72+5.72 | 8 | ★ |
| 3x20 | | | | ◆ | ◆ | 5+5+5+5 | 10 | ★ |
| 3x21 | | | | ◆ | ◆ | 5+5+5+5.72 | 10 | |
| 3x22 | | | | ◆ | ◆ | 5+5+5.72+5.72 | 10 | |
| 3x24 | | | | ◆ | ◆ | 5.72+5.72+5.72+5.72 | 10 | |

NOTE: We can custom truck scale according to customer requirement.

Portable Truck Scale 移动式汽车衡



Main Feature 主要特点

- ◆ Do not need to do foundation
不需要做地基
- ◆ With ramp and movable bottom frame, install in level hard ground
带引坡和移动式底架，安装在坚硬的水平地面上
- ◆ Movable
可移动的

Galvanized Truck Scale 镀锌汽车衡



Main Feature 主要特点

- ◆ With strong anti-corrosive and rust-proof ability
具有较强的防腐、防锈能力
- ◆ Adopt Galvanize & paint to reach to double anti-corrosion and rust-proof purpose.
采用镀锌加油漆达到双重防腐、防锈的目的
- ◆ Galvanized truck scale can be used to corrosive occasions, such as installation site in chemical plant or nearby sea
镀锌汽车衡适用于具有腐蚀性的场合，如安装地点是化工厂或靠近大海等的安装地点

Concrete Truck Scale 混凝土汽车衡



Main Feature 主要特点

- ◆ Compare with steel truck scale, the concrete truck scale cost is less
相对于钢结构的汽车衡，具有成本低的特点
- ◆ With anti-corrosion & anti-skid function, can be used in corrosive site
具有防腐、防滑功能，能应用于防腐现场



System Feature and Function 系统特点及功能

- ◆ High efficient intelligent weighing
高效率的智能化伺磅
- ◆ Multiple anti-cheating technology method
多重防作弊技术手段
- ◆ Interface operation is pattern design
图型化设计的操作界面
- ◆ Powerful data management function
强大的数据管理功能
- ◆ Vehicle driving automatic guiding function
车辆行驶自动引导功能
- ◆ Identify automatically vehicle information function
车辆信息自动识别功能
- ◆ Detect automatically vehicle position function
车辆位置自动检测功能
- ◆ Voice prompt function
语音提示功能
- ◆ Monitoring on multi-azimuth and capture video and pictures function
多方位全程监控、视频录像与图片自动抓拍功能
- ◆ Internet function
物联网功能

Bring Following Benefits to Your Company 给您的企业带来的经济效益

- ◆ Don't need the operator, it save the human cost
无需伺磅人员，节约人力成本
- ◆ Improve work efficiency
提高工作效率
- ◆ Standardized operation process to improve enterprise management
标准化作业流程，提高企业管理水平
- ◆ Prevent cheating effectively to reduce enterprise cost
有效防止作弊，降低企业成本
- ◆ Guarantee accuracy and justice of weighing data
确保数据准确，公正

Unmanned Intelligent Weighing Management System 无人值守智能称重管理系统

Unmanned intelligent weighing management system and anti-cheating system was researched and developed by Zonjli.

无人值守智能称重管理系统与防作弊系统，是众加利自主研发的智能系统产品。

Which can equips with electronic truck scale so that they can work together, besides it can constitute static and dynamic automatic weighing system via perfect combination of hardware and software to realize truck scale's intelligent weighing.

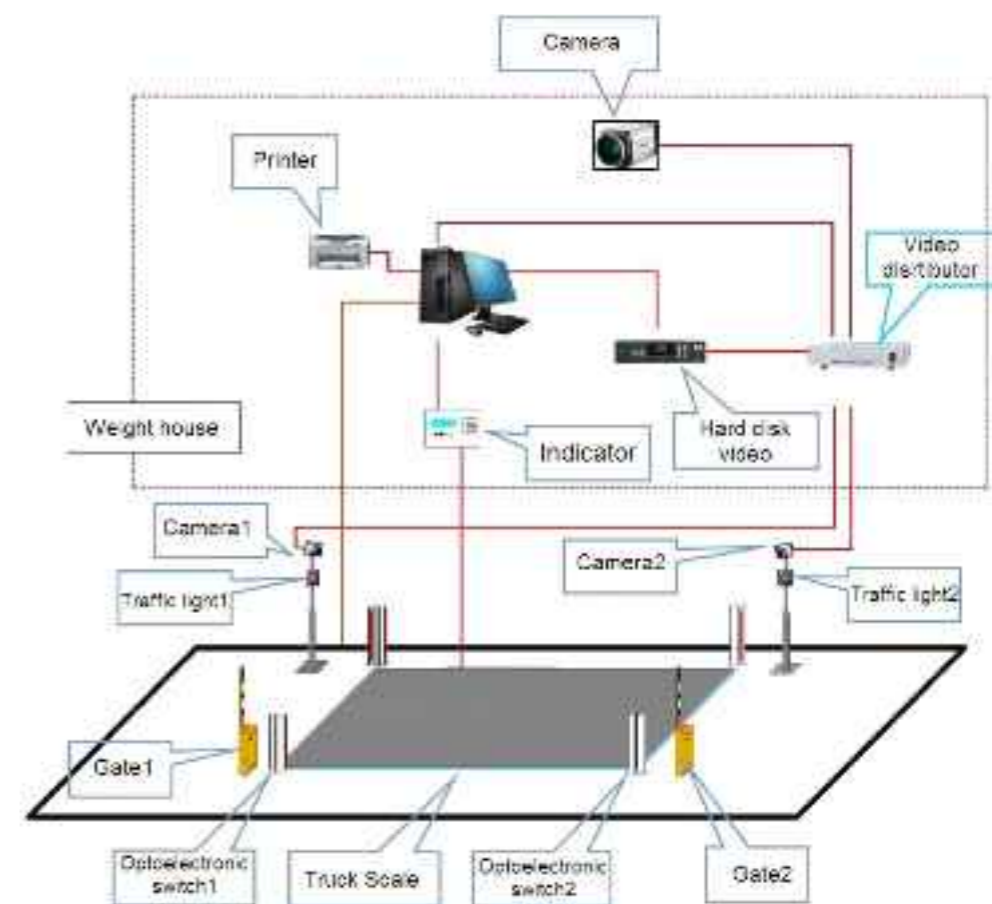
与众加利生产的电子汽车衡配套使用，通过硬件与软件的完美结合，可组成静态或动态自动称重系统，实现电子汽车衡伺磅智能化。

This system consists of management software, vehicle road guide system, infrared positioning system, video monitoring system, vehicle information management software. The system has rich configuration, it can be single weighing scale or double weighing scale, single banister or double banister, single direction or double direction, static or dynamic automatic weighing management system and anti-cheating weighing management system.

本系统由管理软件、车辆引导系统、红外定位系统、视频监控系統、车辆信息管理系统等部分组成，系统配置丰富，根据需要可组合成单秤或双秤、单栏杆或双栏杆、单向或双向、静态或动态全自动称重管理系统（SMAVS）及防作弊称重管理系统（PCVS）。

Unmanned intelligent weighing management system and anti-cheating system is widely used to mine, electric power, harbor, warehouse, factory, physical distribution, waste yard etc. Its outstanding performance and excellent quality, not only improve enterprise efficiency about in and out of the goods trade settlement, but also save enterprise's cost, making the enterprise management is better to satisfy modern weighing management requirement.

SMAVS系统和PCVS系统广泛应用于矿山、电力、港口、仓储、工厂、物流、垃圾处理场等场所，其卓越的性能和优良的品质，不仅提高了工矿企业的进出物资贸易结算的效率，而且能为企业节约大量的成本，提高企业的管理水平，满足现代化的称重管理要求。





WIM Toll System 动态衡计重收费系统

WIM toll system can be directly installed on toll lane, detecting the axle load of the passing vehicle and automatically accumulating to obtain the gross weight, as well as simultaneously detecting its speed, axle type, vehicle type, etc. By connecting to the charge computer-managed system, with road management and weight-calculating charge, it can distinguish the vehicle overloading circumstances, protecting road and bridge and ensuring road toll scientifically reasonable. According to the structure types, WIM divides into ZCU-30DZP and ZCU-30DZF type.

动态衡计重收费系统产品可直接安装在收费车道上，检测过衡车辆的轴载并自动累加得到总重，同时检测车速、轴型和车型等，通过与收费计算机管理系统连接，配合公路管理和计重收费，自动判别车辆超载情况，有效保护公路、桥梁，确保公路收费科学、合理。该产品根据结构不同分ZCU-30DZP和ZCU-30DZF两种型号。

Main Function 主要功能

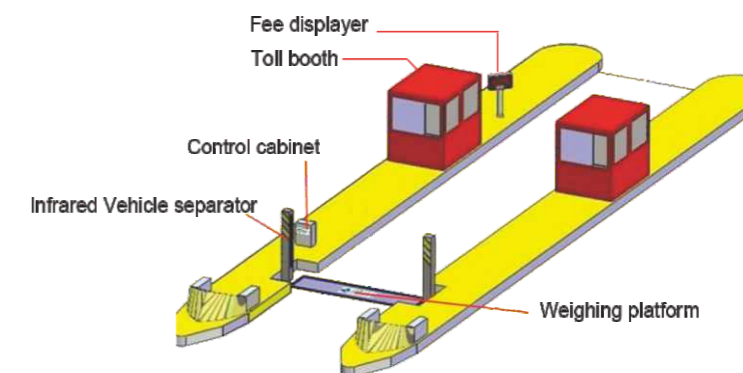
- ◆ The system can automatically detect each axle load and calculate gross weight of vehicle.
系统能自动检测车辆各轴轴重并计算出车辆总重
- ◆ The system can automatically separate driving vehicle in lane and distinguish vehicle type
系统能自动分离行驶在车道内的车辆，并准确判别车辆车型
- ◆ The system can automatically detect vehicle driving speed
系统能自动检测出车辆的行驶速度
- ◆ The system can automatically identify the driving direction of vehicle, beside process astern automatically and astern when vehicle doesn't enter completely of abnormal operation of weighing system.
系统能自动识别车辆行驶方向，并能自动处理倒车以及不完全进入后的倒出等异常行驶状态的称重。
- ◆ The system and software adopts dynamic link library rules, which can communicate with all software.
系统与收费软件采用动态连接方式，能与所有收费软件通讯
- ◆ The system has self diagnosis fault function of peripheral equipment
系统具有自诊断外设故障功能

Weighing Indicator 称重仪表

- ◆ The indicator adopts industrial structure, easy operation, with super strong system failure self-diagnostic capacity
仪表采用工业结构，用户操作方便，具有超强的系统故障自诊断能力
- ◆ Display : It adopts highlight digital display screen
显示：采用高亮数码显示屏
- ◆ Dynamic detection and automatic zero tracking: Manual /automatic zero reset
动态监测及自动零跟踪：手动/自动清零
- ◆ Automatically distinguish quantify of axle (set), axle type, vehicle type and over ranging ,and automatically calculate axle (set)weight, gross weight, vehicle speed ,and upload these information to computer
自动判别轴（组）数、轴型、车型及超限，自动计算轴（组）重、总重、车速，并将这些信息上传给计算机
- ◆ Interface : serial interface :RS232/R422
接口：串行接口：RS232/R422
- ◆ Four inputs: 2TTL level inputs, 2 passive touch inputs
四个输入：2个TTL电平输入、2个无源触点输入
- ◆ 2 passive electric touch outputs
二个无源触点输出
- ◆ Power supply : 220VAC (-15% ~ +10%)
电源：220VAC (-15% ~ +10%)
- ◆ Normal working temperature range :-25°C ~ +70°C
仪表的正常工作温度范围：-25°C ~ +70°C

System Composition 系统组成

- ◆ Weighing platform
称重平台
- ◆ Weighing Indicator
动态称重仪表
- ◆ Infrared vehicle separator (optional)
车辆分离器（红外线光幕系统）(选配)
- ◆ Wheel identifier (optional)
轮轴识别器(选配)
- ◆ Ground sense coil vehicle detector (optional)
地感线圈(选配)
- ◆ Control cabinet (optional)
控制柜(选配)



Technical Parameter 技术参数

| | | |
|-------------------------------|---|-------------|
| Accuracy (Dynamic) | Gross weight conforms to GB/T 21296-2007 *Grade 5 | |
| Single Axle Weighing Capacity | 30t /40t | |
| Max.Safe Overload | 150%/F.S. | |
| Speed Limits | 0 ~ 40km/h | |
| Platform Size (Length*Width) | Ordinary Lane | 3.2×0.8m |
| | 3.5m Lane | 3.5×0.8m |
| | Ultra Wide Lane | 4.0×0.8m |
| Protection Grade | Weighing Indicator | IP 65 |
| | Load Cell | IP 68 |
| Operation Environment | Temperature | -45 ~ +80°C |
| | Humidity | ≤95% R.H |
| Power Supply | 220 V AC (-15% ~ +10%),50Hz±2% | |



Electronic Railway Scale 电子轨道衡

Static electronic railway scale is a large scale measurement instrument, which is specially designed for railway transportation. It can realize that the truck not need to unhooking static automatic weighing measurement, the electronic railway scale is the ideal railway truck weighing equipment of the iron and steel, electric power, petrochemical, mining, railways, ports and other industry.

静态电子轨道衡是专门针对铁道运输计量而设计的一种大型计量衡器。可实现对列车的不摘钩静态自动称重计量，是钢铁、电力、石化、矿山、铁路、港口等行业理想的铁路货车称重设备。

Structure Composition 结构组成

Static electronic railway scale is composed of platform, load cell, junction box, indicator; In addition, it also include weighing rail, approach rail, approach rail's embedded frame, rail clamping device, anti-creeper, limit device, overload protection device, steel rail pressure buckle installation accessories. Other optional accessories: Computer, Scoreboard, Printer, Weighing Management Software.

轨道衡主要由称量承重台、传感器、接线盒、称重显示仪表组成;另外一般还包含称量轨、引轨及引轨预埋架、过轨器、防爬器、限位装置、过载保护装置、钢轨压扣等附属安装件。其它可配外设:计算机、大屏幕、打印机、称重管理软件等。

Specification 规格型号

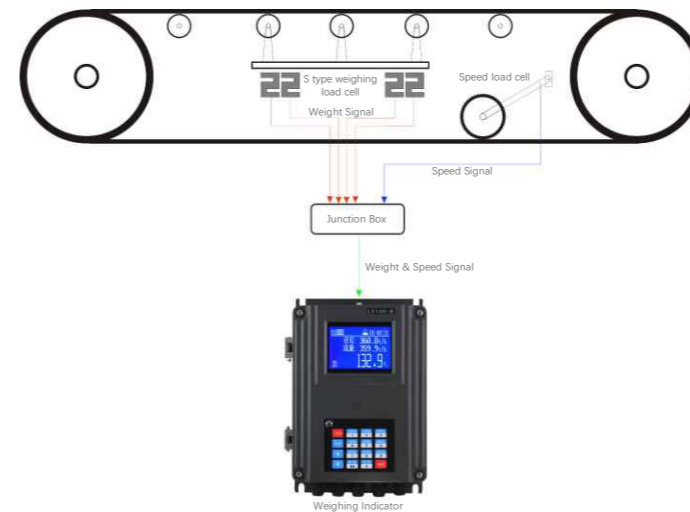
| Model No. | Max.Capacity(t) | Division Value(kg) | Platform Length(m) |
|-----------|-----------------|--------------------|----------------------|
| GCS100 | 100 | 20 | 13/13.5/14/14.5/17.5 |
| GCS150 | 150 | 50 | 13/13.5/14/14.5/17.5 |
| GCS200 | 200 | 50 | 13/13.5/14/14.5/17.5 |
| GCS100D | 100 | 20 | 13/13.5/14/14.5/17.5 |
| GCS150D | 150 | 50 | 13/13.5/14/14.5/17.5 |
| GCS200D | 200 | 50 | 13/13.5/14/14.5/17.5 |



Belt Scale 皮带秤

Belt scale adopts floated weighing frame structure, it equips with weighing load cell, speed load cell, weighing indicator, etc. Belt scale's installation is simple, few maintenance, it has good stability and repeatability. Zonjli belt scale is the idea equipment to measure continuously for bulk material in belt conveyor system. Widely used in belt conveyor application such as metallurgy, coal, mine, port, chemical industry, building material.

皮带秤采用悬浮式称重秤架结构，配备称重传感器、测速传感器、称重仪表等。皮带秤集装简单，即装即用，维护量小，具有良好的长期稳定性和重复性，众加利皮带秤是皮带输送系统中对散装物料进行连续计量的理想设备。广泛应用于有皮带输送的场合，例如，冶金、煤炭、矿山、港口、化工、建材等。



Specification 规格型号

| Strip Width (mm) | 500 | 650 | 800 | 1000 | 1200 | 1400 |
|------------------|-----|-----|-----|------|------|------|
| Max. Speed (m/s) | 4 | 4 | 4 | 4 | 4 | 4 |
| Max. Inclination | 18° | 18° | 18° | 18° | 18° | 18° |
| No. of roller | 2 | ◆ | ◆ | ◆ | ◆ | ◆ |
| No. of roller | 3 | ◆ | ◆ | ◆ | ◆ | ◆ |

Technical Parameter 技术参数

- ◆ Accuracy grade: 0.5
称重准确度等级: 0.5
- ◆ Operating environment humidity: ≤90%RH
工作环境湿度: ≤90%RH
- ◆ Operating environment temperature: -10 ~ 40°C
工作环境温度: -10 ~ 40°C
- ◆ Power supply: 220V AC/50Hz
工作电源: 220V AC/50Hz
- ◆ Load cell sensitivity: 2.0±0.002mV/v
称重传感器灵敏度: 2.0±0.002mV/v
- ◆ Qty.of load cell: 4pcs
传感器数量: 4pcs
- ◆ Power supply of load cell: 10 ~ 12V DC
传感器电源: 10 ~ 12V DC
- ◆ Safety overload: 120%
最大安全过载: 120%
- ◆ Ultimate overload: 200%
极限载荷: 200%

Floor Scale 平台秤

Floor scale consists of high quality carbon steel/ stainless steel weighing platform, high precision load cell and intelligent indicator. Weighing platform is U shaped beam steel structure, which surface coats anti-corrosive paint to make beautiful shape, firm structure. Floor scale's property is stable and reliable, easy to operate, weighing data can be transferred to computer and scoreboard via indicator.

平台秤是由全新的优质碳钢/不锈钢秤架，高精度紧密型单剪切梁式称重传感器和智能化称重显示仪表组成的电子秤。承重秤台选用U型钢结构，表面涂覆防腐漆，造型美观，结构牢固。整个系统工作稳定可靠，操作简便，称量准确，重量数据可通过仪表输出给计算机等其它外围设备。



Technical Parameter 技术参数

- ◆ Weighing accuracy grade: III
称重准确度等级: III
- ◆ Operating environment humidity: ≤85%RH
工作环境湿度: ≤85%RH
- ◆ Operating environment temperature: 0 ~ 40°C
工作环境温度: 0 ~ 40°C
- ◆ Power supply: 220V AC/50Hz
工作电源: 220V AC/50Hz
- ◆ Load cell sensitivity: 2.0±0.002mv/v
称重传感器灵敏度: 2.0±0.002mv/v
- ◆ Qty of load cell: 4pcs
传感器数量: 4
- ◆ Power supply of load cell: 5 ~ 12V
传感器电源: 5 ~ 12V
- ◆ Max.safety overload: 120%
最大安全过载: 120%
- ◆ Ultimate overload: 150%
极限载荷: 150%

Specification 规格

| | | | | |
|---------------------|---------|---|---|---|
| Max.Capacity(t) | 1 | 2 | 3 | 5 |
| Division Value(kg) | 0.5 | 1 | 1 | 2 |
| | 1.0*1.0 | ◆ | ◆ | ◆ |
| | 1.0*1.2 | ◆ | ◆ | ◆ |
| | 1.2*1.2 | ◆ | ◆ | ◆ |
| Platform Size (m*m) | 1.2*1.5 | ◆ | ◆ | ◆ |
| | 1.5*1.5 | ◆ | ◆ | ◆ |
| | 1.5*2.0 | ◆ | ◆ | ◆ |
| | 2.0*2.0 | ◆ | ◆ | ◆ |



Product Feature 产品特点

- ◆ Checker plate or smooth plate, carbon steel or stainless steel, all are offered for your selection
花纹板或平板，碳钢或不锈钢供选择
- ◆ Stainless steel weighing platform goes through polish process making exquisite mesa
不锈钢秤盘拉丝处理,造就精美台面
- ◆ Stainless steel material is corrosion-resistant and easy to wash.
不锈钢材质耐腐蚀，可冲洗
- ◆ Carbon steel bending intensify structure is sturdy and reliable, the high-grade paint processing of surface guarantees the quality of spray paint.
碳钢折弯强化结构可靠扎实，表面的高档喷漆处理保证了喷漆的品质
- ◆ Double deck floor scale has more stability, limit function and stronger impact resistance ability, which is suitable for foundation pit installation.
双层平台秤使用稳定性更高，具有限位功能，耐冲击能力更强，适用于基坑安装

Bench Scale 台秤

Bench scale consists of high quality carbon steel/ stainless steel weighing frame, high precision load cell and intelligent indicator, weighing frame is treated with shot blasting and multi-layer coating for anti-corrosion, bench scale's property is stable and reliable, easy to operate, weighing data can be transferred to computer and scoreboard via indicator.

台秤由全新的优质碳素钢/不锈钢秤架，高精度称重传感器及智能化称重仪表组成，秤架经过抛丸及多层涂装防腐处理，整个系统工作稳定可靠、操作简便，重量数据可通过仪表输出给计算机、大屏幕等其它外围设备。

Product Feature 产品特点

- ◆ Weighing platform: 300*300 ~ 600*800mm
台面规格: 300*300 ~ 600*800mm
- ◆ Max.capacity: 30 ~ 600Kg
最大称量: 30 ~ 600Kg
- ◆ Adopt carbon steel/ stainless steel seamless steel tube
采用优质碳素钢/不锈钢无缝钢管
- ◆ Stainless steel weighing platform goes through polish process making exquisite mesa
不锈钢秤盘拉丝处理,造就精美台面

Specification 规格

| | | | | | |
|-----------------------|-------------------------------|------|------|-----|-----|
| Accuracy Grade | OIML III | | | | |
| Protection Grade | IP65 | | | | |
| Power Supply | AC:85~240V,50~60Hz; DC:6V/4HA | | | | |
| Max.Capacity(kg) | 30 | 60 | 150 | 300 | 600 |
| Division Value(Kg) | 0.01 | 0.02 | 0.05 | 0.1 | 0.2 |
| | 300*300 | ◆ | ◆ | ◆ | |
| | 300*400 | ◆ | ◆ | ◆ | |
| Platform Size (mm*mm) | 400*400 | ◆ | ◆ | ◆ | |
| | 400*500 | ◆ | ◆ | ◆ | |
| | 460*600 | | ◆ | ◆ | ◆ |
| | 500*500 | | ◆ | ◆ | |
| | 600*600 | | ◆ | ◆ | ◆ |
| | 600*800 | | | | ◆ |

Note: We can custom bench scale according to customer's requirement



Pallet Scale 叉车秤

Product Feature 产品特点

- ◆ The unique design of the core components not only protects the entire body from impact, but also reduces the minimum height of the body to 75mm
独特的核心部件结构设计，整个车身不仅不怕撞击，而且还使得车身的最低高度降到了75mm
- ◆ Suitable for industrial and mining enterprises, it is the best choice for short distance moving weighing
适用于工矿企业，是短距离移动货物称重的最佳选择
- ◆ Nylon steering wheels and transport wheels are suitable for reducing transport height and have high resistance to chemicals, leaving no trace of transport
尼龙的转向轮和运输轮适用于降低运输高度，对化学品有高抵抗力，运输不留痕迹
- ◆ Polyurethane wheels are designed for lightweight floor, do not leave traces when carrying heavy loads, are quiet when transporting, and are durable
聚氨酯的轮子适用于轻型地板，载重的时候不会留下痕迹，运输的时候噪声小，并耐用。
- ◆ Various indicators are available to choose for different usage environment
多种仪表可供选择，适用不同使用环境
- ◆ Choose stainless steel material, the scope of use can be extended to food, fishery, chemical industry and other industrial enterprise
选用不锈钢材质，使用范围可扩展到食品、渔业、化工等工业企业



Livestock Scale 牲畜秤

Product Feature 产品特点

- ◆ The design is unique, and the doors are opposite with locks
独特的设计模型，对开门带锁
- ◆ The surface adopts paint with excellent anti-corrosion
表面烤漆处理，抗腐性强
- ◆ Choose stainless steel material, wider application range
选用不锈钢材质，应用范围更广
- ◆ The livestock scale is widely used in livestock slaughtering industry to process live weighing, with high precision dynamic weighing system to make the scale more convenient in the weighing process.
该牲畜秤广泛应用于牲畜屠宰行业活体称重，配合高精度动态称重系统，使其在称重过程中更加便利
- ◆ Due to the particularity of weighing occasions, all the livestock scales are customized
由于称重场合的特殊性，所有规格均为定制



Portable Axle Pad Scale 便携式轴重秤

Product Feature 产品特点

- ◆ For both Static Weighing & In-Motion Weighing
动静两用仪表
- ◆ Wired and Wireless edition available
有线无线可选
- ◆ Maximum 16 channels input. Minimum 1 Channel input. Hardware default 2 Channels
最大可支持16通道，最少支持1通道。默认为2通道仪表
- ◆ Wired edition default input and output RS232 and USB 2.0. Wireless edition default input and output USB 2.0 and Bluetooth
有线仪表默认自带RS232和USB2.0.无线仪表默认自带USB2.0和蓝牙
- ◆ Multiple language supported (Default: English and simplified Chinese. Traditional Chinese, Spanish, French and Japanese are available)
支持多种语言，默认中文和英文。西班牙、法语、日语可定制
- ◆ Multi-Points Touch LCD screen
LCD可触摸屏
- ◆ Multiple Users with different permission
支持多用户系统进入
- ◆ Multipoint linear correction available
多点线性校正
- ◆ Cloud supporting. Remote update available
支持云储存功能
- ◆ Server Program available for customization
程序软件可定制



Technical Parameter 技术参数

| Model | Each Pad Dimension | Each Ramp Dimension | Max. Axle Capacity(2Pads) | Details |
|-------|--------------------|---------------------|---------------------------|--|
| 型号 | 每块轴重秤的尺寸 | 每块引坡的尺寸 | 最大轴重 (2块) | 细节 |
| | 700x430x30mm | 700x350mm | 40t | Load cell: pad is load cell, strain gauge inside |
| ZJL-A | 800x430x30mm | 800x350mm | 40t | |
| | 800x700x32mm | 800x350mm | 30t | 板就是传感器，应变片贴在板内 |

Weighing Capacity: Wheel Weights ≤ 20t, Axle Weights ≤ 40t

称量: 轮重 ≤ 20t, 轴重 ≤ 40t

Temperature Compensation Range: -10~+50°C

温度补偿范围: -10~+50°C

Sensitive Influence by Temperature: 0.1%/10°C

温度影响灵敏度: 0.1%/10°C

Static Accuracy: ±0.07%

静态精度: ±0.07%

n-Motion Accuracy: ±3.5%

动态精度: ±3.5%

Excitation Voltage: 20V (DC)

激励电压: 20V (DC)

Sensitive: 1±0.2mV/V

灵敏度: 1±0.2mV/V

Nonlinearity: ≤0.20%

非线性: ≤0.20%

Insulation Resistance: ≥5000MΩ(100V DC)

绝缘电阻: ≥5000MΩ(100V DC)

Repeatability: ≤0.01%FS

重复性: ≤0.01%FS

Zero Output: 4~10%

零输出: 4~10%

Working temperature: -40~+80°C

工作温度: -40~+80°C

Input Impedance: 3120±40Ω

输入阻抗: 3120±40Ω

Output Impedance: 2800±10Ω

输出阻抗: 2800±10Ω

Overload Protection: 300%

超载保护: 300%



Small Electronic Scale 小型电子秤

ZJL-911 High precision waterproof weighing scale ZJL-911 高精度防水电子秤

Specification 规格

| | |
|------------------------|--|
| Display显示 | LED |
| Capacity/accuracy称量/精度 | 3kg/0.1g 6kg/0.2g 15kg/0.5g 30kg/1g |
| Packing quantity包装数量 | 5pcs/CTN 每箱5台 |
| Package size包装尺寸 | 71x40x35cm |
| Gross weight毛重 | 22kg |
| Platter size秤盘尺寸 | 29x24cm |
| Platter秤盘 | Flat type (304 stainless steel) 304不锈钢平盘 |



ZJL-999 Waterproof price computing scale ZJL-999 防水计价秤

Specification 规格

| | |
|------------------------|--|
| Display显示 | LED |
| Capacity/accuracy称量/精度 | 15kg/5g 30kg/5g 40kg/5g |
| Packing quantity包装数量 | 5pcs/CTN 每箱5台 |
| Package size包装尺寸 | 75x42x38cm |
| Gross weight毛重 | 22kg |
| Platter size秤盘尺寸 | 31x23cm |
| Platter秤盘 | Flat type (304 stainless steel) 304不锈钢平盘 |



ZJL-801 Electronic price computing scale ZJL-801 电子计价秤

Specification 规格

| | |
|------------------------|-------------------------|
| Display显示 | LED |
| Capacity/accuracy称量/精度 | 15kg/5g 30kg/5g 40kg/5g |
| Packing quantity包装数量 | 5pcs/CTN 每箱5台 |
| Package size包装尺寸 | 75x42x38cm |
| Gross weight毛重 | 22kg |
| Platter size秤盘尺寸 | 34x24.5cm |



ZJL-806 High precision counting scale ZJL-806 高精度计数秤

Specification 规格

| | |
|------------------------|--|
| Display显示 | LED |
| Capacity/accuracy称量/精度 | 3kg/0.1g 6kg/0.2g 15kg/0.5g 30kg/1g |
| Packing quantity包装数量 | 5pcs/CTN 每箱5台 |
| Package size包装尺寸 | 75x42x38cm |
| Gross weight毛重 | 22kg |
| Platter size秤盘尺寸 | 31.5x23cm |
| Platter秤盘 | Flat type (304 stainless steel) 304不锈钢平盘 |



ZJL-810 High precision weighing scale ZJL-810 高精度电子秤

Specification 规格

| | |
|------------------------|--|
| Display显示 | LED |
| Capacity/accuracy称量/精度 | 3kg/0.1g 6kg/0.2g 15kg/0.5g 30kg/1g |
| Packing quantity包装数量 | 5pcs/CTN 每箱5台 |
| Package size包装尺寸 | 71x40x35cm |
| Gross weight毛重 | 22kg |
| Platter size秤盘尺寸 | 29x24cm |
| Platter秤盘 | Flat type (304 stainless steel) 304不锈钢平盘 |



Weighing Indicator 称重仪表

Weighing Indicator 称重仪表

Zonics-Z5 Weighing Indicator Zonics-Z5 称重仪表

Mainly used in platform scale, process weighing 主要用于平台秤、过程称重



Product Feature 产品特点

- ◆ With Zero, Tare, Clean tare, Print function
置零、去皮、清皮、打印功能
- ◆ Rich interface for industrial field connection
丰富的接口，便于工业现场连接使用
- ◆ Parameter can be set freely according to the requirement
参数可以根据需求自由设定
- ◆ Calibration operation is simple
标定操作简单
- ◆ Shutdown key shall be prevented accidental collision
关机键防误碰功能

Technical Parameter 技术参数

- ◆ Display: segment code with LCD screen
显示：段码带LCD屏
- ◆ Accuracy: resolution 50000
准确度：显示分度数50000
- ◆ Digital analog conversion: high speed A/D conversion
数模转换：高速A/D转换
- ◆ Communication interface: RS-232、RS-485、ethernet、AO、prifibus-dp
- ◆ 通讯接口：RS-232、RS-485、ethernet、AO、prifibus-dp
- ◆ Protection grade Ip68
防护等级：IP68
- ◆ Anti-explosion: Zone I, Ex ia IIC T5
防爆：Zone I, Ex ia IIC T5



DZ2008-1EP Weighing Indicator
DZ2008-1EP 称重仪表

DZ2008-1EP digital weighing indicator adopts RS485 interface and combine with the digital weighing load cell to realize communication, communication distance: 1000 meters approximately. It can connect with 16 pcs load cells at most, do unbalance loading manually and automatically (four corners adjustment). It has convenient pinyin input and humanized interface to realize data processing, such as display, calibrate, send, store, print. Beside it also has encryption and anti-cheating function, micro-printer is optional, suitable for electronic truck scale, floor scale, electronic mechanic scale, etc.

DZ2008-1EP数字称重显示控制器采用RS485接口与数字式称重传感器实现通讯，通讯距离：约1000米。最多可外接16只数字式称重传感器，可进行手动/自动偏载调节（四角调整）。拥有便捷的拼音输入和人性化操作界面，可以实现对数据的处理，如：显示、标定、发送、存储、打印等功能。除此之外还具有加密和防作弊功能，可选配微打印机，适用于电子汽车衡、电子地上衡、机电结合秤等各种称重设备。



DZ2008-LION-B Weighing Indicator
DZ2008-LION-B 称重仪表

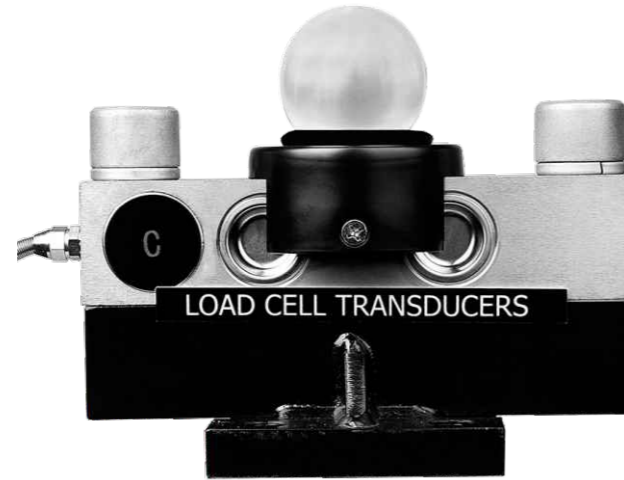
DZ2008-LION-B Weighing Indicator is designed specially for highway charging by weight system, it not only supports the dynamical weight but also has tire identifier and vehicle separator interface to receive the signal from tire identifier and vehicle separator, combining these information to form completely weight testing data, then send those data to computer of toll station. This indicator also has astern load cell interface to allow vehicle stops at weighing platform, even though astern, it never occurs error checking result. It is more reliable and convenient to detect the moving direction of vehicle than adopt external connection astern load cell.

DZ2008-LION-B称重显示器是为公路计重收费系统设计的专用仪表，除支持秤台的动态称重外，还具备轮轴识别器和车辆分离器接口，接收来自轮轴识别器和车辆分离器的信息，组合成完整的称重检测数据向收费计算机传送。本仪表还具有倒车传感器接口，允许车辆在秤台上任意停留、倒车而不会产生错误的检测结果。比采用外接倒车传感器更可靠、方便地检测车辆运动方向。

Weighing Load Cell 称重传感器

DZHM-61 Weighing Load Cell DZHM-61 称重传感器

Can meet 10t ~ 50t precision measurement
可满足10t ~ 50t量程范围内的精度测量
High quality alloy steel material, all sealed by welding, oil-proof, waterproof and anti-corrosion.
优质合金钢材料, 全密封焊接, 防油、防水、耐腐蚀
Double shear beam structure design, easy to installation and maintenance, convenient to use
双剪切梁结构设计, 安装维护简单, 使用方便
With high precision, good stability, protection level IP68
精度高, 稳定性好, 防护等级IP68
Suitable for electronic truck scale and railway scale
适用于电子汽车衡、轨道衡



DZHM-62 Weighing Load Cell DZHM-62 称重传感器

Can meet 10t ~ 50t precision measurement
可满足10t ~ 50t量程范围内的精确测量
High quality alloy steel /stainless steel material, all sealed by welding, oil-proof, waterproof and anti-corrosion and lightning protection
合金钢(或不锈钢)材料, 全密封焊接, 防油、防水、防腐, 防雷击
Column type structure, resist rotary design, automatic reset, easy to installation and maintenance, convenient to use
柱式结构、防旋转设计, 可自动复位, 安装维护简单, 使用方便
Suitable for electronic truck scale and railway scale
适用于电子汽车衡、轨道衡等各类电子称重设备



Weight 砝码

Standard Series 标准系列

- ◆ Class:E2, F1
等级:E2、F1
- ◆ Material: Non-Magnetism
Stainless Steel
材质: 无磁不锈钢
- ◆ Density:7.94-7.96kg/dm³
密度: 7.94-7.96kg/dm³
Magnetic Susceptibility < 0.005
磁化率 < 0.005



- ◆ Flake Weight:1mg-500mg
1mg-500mg:片状砝码
1g-20kg:Cylindrical Weight
圆柱体砝码: 1g-20kg



- ◆ ABS box、Aluminum Box
塑料盒、铝盒

Economy Series 经济系列

- ◆ Class:F1、F2、M1
等级: F1、F2、M1
- ◆ Material: Stainless Steel
材质: 不锈钢
- ◆ Density:7.9kg/dm³
密度: 7.9kg/dm³
- ◆ Magnetic Susceptibility < 0.05
磁化率 < 0.05

- ◆ 1mg-500mg:Flake Weight
1mg-500mg:片状砝码
- ◆ 1g-20kg: Cylindrical Weight
1g-20kg:圆柱体砝码



- ◆ ABS box、Aluminum Box
塑料盒、铝盒

Chrome Iron Weight 钢质镀铬系列

- ◆ Class:M1、M2
等级: M1、M2
- ◆ Material: Iron(45#steel)
材质: 45#钢
- ◆ Density:7.85kg/dm³
密度: 7.85kg/dm³



- ◆ Cylindrical Weight:1g-20kg
圆柱体砝码1g-20kg:

- ◆ ABS box
塑盒

Rectangular Weight 不锈钢锁系列

- ◆ Class:F1、F2、M1
等级: F1、F2、M1
- ◆ Material: Stainless Steel
材质: 不锈钢
- ◆ Density:7.9kg/dm³
密度: 7.9kg/dm³
- ◆ Nominal Value:5kg-20kg
规格: 5kg-20kg



- ◆ Aluminum Box(Optional)
铝盒(可选)

Cast Iron Lock Series 铸铁锁型系列

- ◆ Material: Cast iron
材质: 铸铁
- ◆ Class:M1
等级: M1
- ◆ Density:7.2kg/dm³
密度: 7.2kg/dm³
- ◆ Nominal Value:5kg-2000kg
规格: 5kg-2000kg



- ◆ Wooden Box(Optional)
木箱(可选)

Accessories 选配件

Printer 打印机



Dascom AR-410II stylus printer with high quality and reasonable price and strong metal mechanical structure, its function is powerful, easy to operate and durable, it is used popularly and can be used to print all kind of receipt.

得实AR-410 II 针式打印机性价比高,具有超强的金属机械结构,其功能强大,易用,耐用,用途广泛,可用于各类票据打印。

Software 软件基本版

Zonjli software is mainly aimed at enterprise measurement management in raw material purchase, finished product sales and material allocation process. ZONJLI can custom software according to customer requirement to make software is suitable for all weighing measurement.

众加利基本版称重软件主要是针对企业在原料采购、成品销售及物资调拨过程进行的计量管理。众加利可根据客户的要求订制称重软件,使称重软件适用于所有的称重计量。



Scoreboard 大屏幕



It can display the weighing results from long distance and be used as auxiliary display device of the weighing equipment, it is widely used and can connected to different weighing indicator, wireless scoreboard is optional, wireless transmission distance in open field up to 1000 meters.

远距离观察称重结果,可作为称重装置的辅助显示装置,通用性强,可与各种称重显示仪表连接进行显示。可选用无线传输,无线传输距离在空旷地带可达1000米。

- ◆ Scoreboard is be divided into DPI-3,DPI-5,DPI-8
可选大屏幕为: DPI-3,DPI-5,DPI-8
- ◆ Power supply: AC187 ~ 242V; 49 ~ 51Hz
电源: AC187 ~ 242V; 49 ~ 51Hz
- ◆ Communication interface: Standard RS232C serial data interface, 20mA current loop data interface
通讯接口: 标准RS232C串行数据接口(连续发送方式,波特率为1200);20mA电流环数据接口(连续发送方式,波特率为600)
- ◆ Operating environment temperature:0 ~ 40°C
使用环境温度: 0 ~ 40°C
- ◆ Operating environment humidity≤85%RH
使用环境湿度: ≤85%RH

Junction Box 接线盒

Junction box adopts high precision potentiometers, which is divided into 4-wire, 6-wire, 8-wire, 10-wire, plastic waterproof seal, guarantee long-term stability, aluminum shell casing, stainless steel casing are optional, explosion-proof is optional, suitable to all weighing system.

采用高精度电位器,四线、六线、八线三种规格可选,可订制10线式,塑胶防水密封,保证长期稳定性;有铝制外壳及不锈钢外壳可选,并可选配防暴型;适用于全系列称重系统。



Survive by Reputation

以信誉求生存

Develop by Qualities

以素质求发展