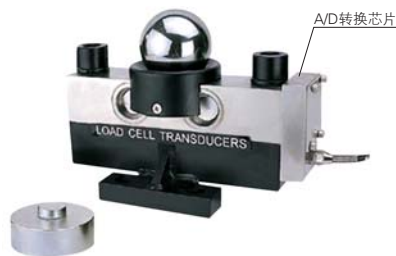


## 数字式传感器 Digital Load Cell



数字模块分辨率A/D Module Resolution	6000码
额定载荷Rated Load	10,15,20,25,30,40
额定输出Rated Output	20000/25000/30000/40000内码
数据刷新速率Digital Refurbishing Frequency	50次/秒 50 Times/Sec
通讯波特率Communication BPS	9600BPS
综合精度Combined Error	± 0.02% F.S
蠕变(30min) Creep(30min)	± 0.02% F.S
温度系数Temperature Effect	± 0.02% F.S/10°C
使用温度范围Operating temp Range	-30~+70°C
零点输出Zero Balance	± 0.1% F.S
安全过载Safe Overload	150% F.S
防护等级Environmental Protection	IP68
推荐输入电压Recommended Excitation	9~12V DC
最大输入电压Maximum Excitation	20V DC
最大传输距离Maxium Transmitting Distance	1200m

## 数字仪表D2002E

### Digital Weighing Indicator D2002E



标定零位调整能力:	± 100% F.S
置零范围	开机: ± 4% ± 10% ± 20% ± 40% ± 100% F.S可选 置零键: ± 1% ± 2% ± 4% ± 10% ± 20% F.S可选
自动零点跟踪范围:	0.1~9.9d 可选, 出厂设置为1.0d
称量范围:	-100% F.S~+100% F.S+9d
单位设定:	T、kg、g可选
超载报警值:	F.S+9d
非线性:	<0.01% F.S
增益漂移:	<6ppm/°C
零点漂移:	<10 ppm/°C
标定	全部采用键盘操作完成 具有线性校正、自动角差调整和现场自动修改传感器编号功能
Zero Calibration Adjustment:	± 100% F.S
Zero Setting Range:	Power on: ± 4%, ± 10%, ± 20%, ± 40%, ± 100% F.S(optional) Zero Setting Key: ± 1%, ± 2%, ± 4%, ± 10%, ± 20% F.S(optional)
Automatic Zero-tracing Rang:	0.1~9.9d(optional), 1.0d(setting after launch)
Rang of weighing:	-100% F.S~+100% F.S+9d
Setting of units:	T, kg, g(optional)
Alarming of overload:	F.S+9d
Nonlinearity:	<0.01% F.S
Gain drift:	<6ppm/°C
Zero drift:	<10 ppm/°C
Calibration:	All operated via keyboard Linearity adjustment, automatic corner error adjustment, function of site automatic modifying of load cell serial numbers

## 安装方式比较 Manners of Installation



### 无基础安装方式

无基础汽车衡利用安装场所中已有的水泥基础路面, 配备钢制引坡, 可节约基础费用投入

### Baseless installation

Baseless truck scale adopts concrete ground as its base, equipped with steel ramps, which can save cost of base construction.



### 浅基坑安装方式

占地面积小, 美观整齐, 但需增加排水设计

### Shallow pit installation

Small occupation, good appearance, but drainage is needed



### 无基坑安装方式

排水方便, 防水性能好, 维护, 检修方便, 但占地面积大

### Pitless installation

Good drainage, high water-proof performance, convenient maintenance, but large occupation

中外合资

福州科杰电子衡器有限公司

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**KJ** 科杰衡器®  
KEJIE WEIGHING

2008年全新奉献  
Digital Times Digital Product



SCS-D系列数字式汽车衡  
SCS-D Series Digital Truck Scale

### 特点:

- 解决偏载误差, 四角调整更加方便
- 具有故障自诊断能力
- 抗干扰能力强
- 杜绝作弊现象
- 防雷击能力突出

### Characteristics:

- Solving the deflection error
- Faults self-diagnosing
- Outstanding anti-jamming function
- Avoid cheating
- Outstanding anti-lightening performance

中外合资福州科杰电子衡器有限公司  
Sino-Japan Joint Venture, Fuzhou Kejie Electronic Scales Co.,Ltd.



“数字式汽车衡”是汽车衡的更新换代产品，随着电子技术的日益发展，“数字技术”也走进了计量称重领域，“数字式汽车衡”代表着电子汽车衡最先进的技术水平，它用先进的数字式智能称重传感器和数字式称重显示仪表，使汽车衡整体性能更优，环境适应性更强，称重智能化程度更高，从而大大提升了电子汽车衡的高新技术品质，使得电子汽车衡走上了数字化的道路。

**数字式汽车衡的显著特点：**

**解决偏载误差，四角调整更加方便：**数字式汽车衡能自动补偿和调整因偏载和温度变化而产生的影响，改变了过去手工调节电阻，计算机能将各传感器输出的数字信号予以编码和识别，用软件自动调整角差，使误差调整更加简单和准确。

**具有故障自诊断能力：**数字式汽车衡具有先进的人机对话接口，自诊断功能突出，使用过程中能不断检测汽车衡的工作状况，当检测到传感器故障时，能及时发出错误信号，准确判断故障点，避免了因汽车衡故障而造成的损失。

**抗干扰能力强：**数字传感器大部分电子元器件都安装在传感器屏蔽体内，采用高集成化、高智能化的处理单元，独立的A/D转换器和数字信号输出端口，消除了因长距离传输，电压信号低，易受干扰的问题

**杜绝作弊现象：**传输过程中数字信号采用密码保护，避免了汽车衡遭不法分子遥控，杜绝了作弊现象的出现。

**防雷击能力突出：**传感器内部PCB防雷击设计，提高了系统的防雷击能力。

**数字式汽车衡秤台**

全钢结构台面是自行开发研制的第四代钢制秤，其设计采用U型截面的冷弯槽钢，封组焊接成多个封闭腔体，使得汽车衡秤台在整体强度、抗弯、台面局部抗压等各项性能指标都有很大的提高，广泛应用于工厂、矿山、港口码头、货场、仓库等场所。

Digital Truck Scale is the new generation truck scale. As the continuous development of electric technology, digital technology is applied in measuring and weighing industry. Digital truck scale, representing the most advanced technology of electronic truck scale, adopts digital intelligent load cell and digital weighing indicator, which make truck scale has excellent entire performance, stronger environment adaptability, and higher intelligent standard. Then the hi-tech quality of electronic truck scale is greatly improved, and results in digitization of truck scale.

**Obvious Features of Digital Truck Scale**

**Solving the deflection error:** applying pre-designed digital mode and algorithm, automatically perform corner-adjustment, zero compensation, and linearity correction; solving deflection problem and effect of temperature and time drifts, minish error of scale system, and greatly improve the stability and reliability of scale.

**Faults self-diagnosing:** advanced Man-PC communicating interface, outstanding self-diagnosing function, continuous detecting the working state of truck scale, sending error signal in time, locating faults accurately, then avoiding the loss caused by the faults.

**Outstanding anti-jamming function:** most of the electric parts of digital load cell fixed in the shield body, adopting high integrated and intelligent processing unit, independent A/D converter and digital signal output interface, solving the problems of poor voltage signal and easy jamming caused by long-distance transmission.

**Avoid cheating:** code protection applied in digital signal during its transmission, preventing the remote control of truck scale by persons who disobey, and avoiding the cheating.

**Outstanding anti-lightening performance:** PCB anti-lightening design inside the load cell, greatly improving the anti-lightening performance of system.

**Platform of Digital Truck Scale**

The platform of digital truck scale developed by our company is the fourth generation steel one, which adopts the design of several U-section beams made from cold-bent channel steel. The beams are welded separately and sealed, which greatly improves the rigidity, anti-distortion, anti-bending, and partial pressure resistance of platform. This product is widely used in places such as plant, mining area, terminal, goods yard, and warehouse.

**钢混凝土台面的显著特点**

**抗腐蚀能力强：**混凝土能抗化学腐蚀，特别适用于有化学药品侵蚀的场所和海边潮湿地带。

**防雷击：**雷雨天气使钢结构汽车衡常出现遭雷击现象而造成部件损坏，给用户带来财产损失，而混凝土台面是非导电体，能有效的防止雷击，避免传感器的损坏。

**长期工作稳定性好：**混凝土台面结构合理，自重大，定位准、不变形，经得起频繁使用。

**寿命长：**混凝土材质强度高，刚性好、耐磨、耐压、耐酸、耐碱、使用寿命是普通钢结构秤台的好几倍。

**技术特征：**采用多层螺纹钢布筋，整体桥梁式结构，称重吨位大，模块化设计，台面已标准化，系列化。

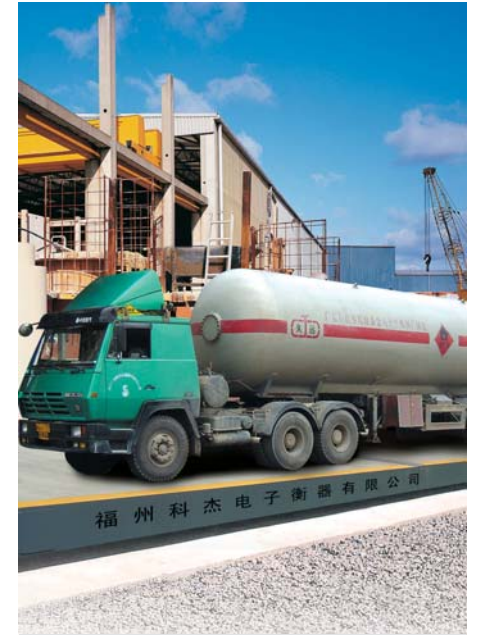
**Obvious features:**

**High anti-corrosion performance:** as concrete can resist chemical corrosion, this product is especially suitable to work in the place of chemical corrosion and damp seaside

**Anti-lightening strike:** steel structure truck weighing scale is easily destroyed by lightning strike, that brings about components and property damage. But concrete balance body, an insulator, can effectively prevent lightning strike and avoid sensor destroyed  
Good stability after long-term working: concrete balance body can sustain frequent use for stable structure, big deadweight, correct orientation, no distortion

**Long service life:** with good strength, strong steel, durable abrasion and pressure, acid and alkali resistance, concrete balance body has much more longer service life than common all-steel product

**Technology characteristics:** adopting the layout of several layers of deformed steel bar, integration bridge structure, big weighing tonnage, modularization design, standardization and serialization of platform



钢混凝土台面解决了普通全钢结构汽车衡在使用过程中因雨淋日晒、酸碱腐蚀，而出现的秤体锈蚀、精度等级下降、使用寿命缩短的问题。特别适用于公正磅站、化工企业、港口码头、矿山、冷库、以及生鲜交易市场等使用。

Truck weighing scale resolves problems existing in common balance body such as low precision, service life shortening, rusting and corruption resulted from rain and solarizing. Therefore, the product is especially suitable to work in public platform balance station, chemical industry, port quays and refrigeration industry etc.

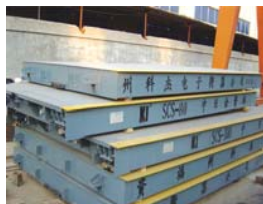
**防腐、抗弯、不变形 长期稳定精度高**  
Anti-corrosion, Anti-curved, No distortion, Stable and Accurate



多头自动焊接机



U型梁部件



成品

