

XK3110-A电子称重仪表

简易使用说明书

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Display Panel

产品简介

让操作再简单一点

XK3110-A型电子称重仪表是由单片机控制,集配料、称重、控制于一体的智能仪表。嵌入式设计、操作简单。独特的抗雷击措施、使该仪表能在恶劣的环境中可靠使用。

技术规格

电源: AC220V \pm 15%, 50Hz;

功耗: 9W;

传感器激励电压: DC5V \pm 5%, 最大负载能力150mA;

开关量输入方式: 内供电源、光电隔离;

开关量输出方式: 继电器输出, 可直接驱动接触器, 无需中间继电器;

功能简介

- *集称重显示与配料控制器为一体;
- *使用软件全数字式调校功能;
- *RS485通讯接口, 可实现联机群控(选配);
- *RS232打印接口, 可实现配料数据实时打印(选配);
- *最多可控制四种或六种(选配)不同种类物料的喂料;
- *提供两种卸料控制方式;
- *自动校准处理, 提高了测量精度;
- *可预置10种配方;
- *独特的抗雷击措施;
- *断电保持工作状态, 来电后可接续生产(选配);
- *按键去皮、自动去皮功能;
- *具有落差手动预置、自动修正功能;

Power supply: AC220V \pm 15%, 50Hz;

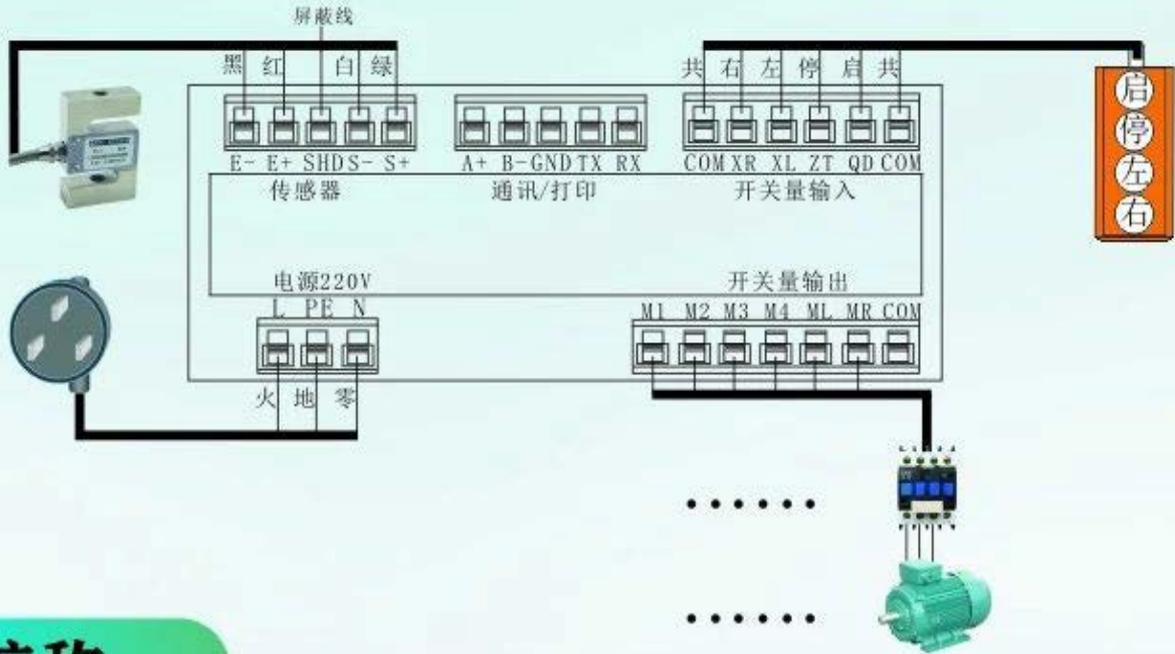
Power consumption: 9W;

Sensor excitation voltage: DC5V \pm 5%, maximum load capacity 150mA;

Switch input mode: internal power supply, photoelectric isolation;

Switch output mode: relay output, which can directly drive the contactor without intermediate relay

电气接线

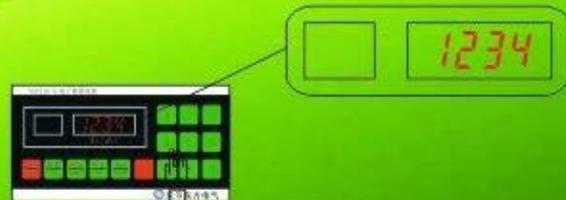


校称

1、清空称量斗，等待称体稳定按  键；



2、输入密码1234；

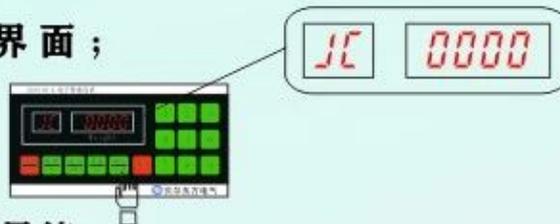


School Name

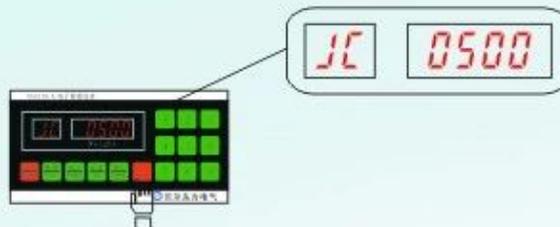
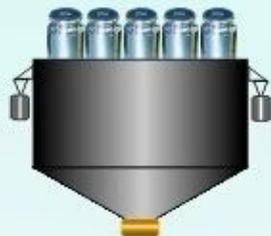


1. Empty the weighing hopper and wait for the weighing body to stabilize. Press
2. Enter the password 1234;

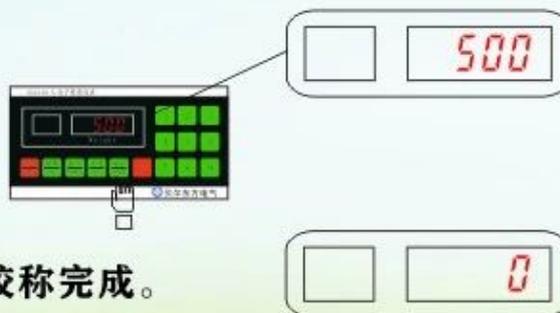
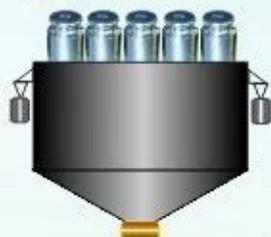
3、按  键，进入校称界面；



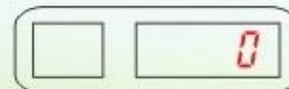
4、放入砝码，输入砝码重量值；



5、按  键后，显示砝码值；



6、砝码去掉后，显示0，校称完成。



配方设置

1、按  键盘，进入配方号设定界面(可设置10种配方)。



2、按  键，进入该配方料重设定界面；



3、输入料一重量（如：料一重量为500Kg）；



 贝尔东方电气

3. press  enter the school name interface.

4. Put in the counterweight and enter the weight value.

5. press  , display counterweight value,

6. After the counterweight is removed, 0 is displayed, and the calibration is completed.

Recipe Settings

1. Press , Enter the recipe number setting interface. (it has L1 to L6 that can set 4 or 6 ingredients)
2. Press  Enter the formula material setting interface;
3. Enter the weight of material one(L1) (for example: the weight of material one(L1) is 500Kg)
4. Press , it will enter the material 2 (L2) formula setting interface;
5. The weight setting of other materials refers to the above steps. If one lines of ingredients not use, need to be set to 0.
6. The default configuration is 4-way ingredients, In material four (L4) state, press  exit the recipe setting interface.

Production Control

1. Check whether there are any abnormalities in each part, press the "start" button , and the meter will start batching;
2. The meter automatically completes the ingredients according to the set formula
3. After the ingredients are finished, press the "left unloading" or "right unloading" button to start unloading;
4. After unloading is completed, the meter will automatically proceed to the batching process of the next batch.

Common Troubleshooting

| Failure phenomenon | Cause | Elimination measures |
|-----------------------|---|--|
| No display | Incorrect power wiring | Measure whether the AC220V power supply is correct And ensure a reliable connection |
| | Internal fault | Send to our company for repair |
| E1 | Sensor problem | Rewire or replace |
| | School name error | Re-calibration |
| E2 | The total value of the formula is greater than 9999 or 0 | Re-enter the recipe |
| -oL | The weight is more than 9999 or less than -999 | Check the distribution rate and re-calibrate |
| Unstable weight value | School name error | Re-calibration |
| | External electromagnetic interference or vibration | The sensor shielding wire is independent and reliable Grounding properly increases the filtering strength |
| | Sensor problem | Rewire or replace |

4、按  键，进入料二配方设定界面；



5、其他物料的料重设定参照以上步骤进行操作，若某路不配料的，需将料重设为0；

6、在料四状态下按  键，退出配方设置界面。



生产控制

1、检查各部分有无异常，按“启动”键，仪表开始配料；



2、仪表按照设定的配方，自动完成配料；



3、配料完成后，按“左卸料”或“右卸料”键，启动卸料；



4、卸料完成后，仪表自动进行下一批次的配料过程  贝尔东方电气

| 故障现象 | 引发原因 | 排除措施 |
|--------|-----------------|-----------------------|
| 无显示 | 电源接线不正确 | 测量AC220V电源是否正确并确保可靠连接 |
| | 内部故障 | 送本公司维修 |
| E1 | 传感器问题 | 重新接线或者更换 |
| | 校称错误 | 重新校称 |
| E2 | 配方总值大于9999或为0 | 重新输入配方 |
| -oL | 重量超过9999或低于-999 | 检查分辨率并重新校称 |
| 重量值不稳定 | 校称错误 | 重新校称 |
| | 传感器问题 | 重新接线或者更换 |
| | 外部电磁干扰或振动 | 传感器屏蔽线独立可靠接地适当增大滤波强度 |

常用参数列表

按  键，输入密码，按  键：

| 密码 | 参数名称 | 显示 | 范围 | 默认 | 备注 |
|------|------|---------|-----------|-----|-----------------------|
| 1234 | 零位范围 | PL 015 | 000~999 | 015 | |
| | 小数点 | PP 0 | 0~2 | 0 | |
| | 罐数控制 | Co on | on/oFF | on | |
| | 罐数设置 | nn 01 | 00~99 | 01 | |
| | ID | Cr 01 | 01~99 | 01 | 通讯（选配） |
| 1616 | 落差方式 | Co on | on/oFF | on | on: 自动落差 oFF: 手动落差 |
| | 料一落差 | C1 0000 | 0000~9999 | 0 | |
| | 料二落差 | C2 0000 | 0000~9999 | 0 | |
| | 料三落差 | C3 0000 | 0000~9999 | 0 | |
| | 料四落差 | C4 0000 | 0000~9999 | 0 | |

Common parameter list

| Password | Parameter name | Display | Range | Default | Remarks |
|----------|---------------------|---------|-----------|---------|--|
| 1235 | Zero range | PL 015 | 000-999 | 015 | |
| | Decimal point | PP 0 | 0-2 | 0 | |
| | Can number control | Co on | On / oFF | on | |
| | Can number setting | nn 01 | 00-99 | | |
| | ID | Cr 01 | 01-99 | 01 | Communication (optional) |
| 1616 | Drop way | Co on | On / oFF | on | On: Automatic drop Off: Manual drop |
| | Material 1 drop gap | C1 0000 | 0000-9999 | 0 | |
| | Material 2 drop gap | C2 0000 | 0000-9999 | 0 | |
| | Material 3 drop gap | C3 0000 | 0000-9999 | 0 | |
| | Material 4 drop gap | C4 0000 | 0000-9999 | 0 | |