# KANTAKING

**KANTAKING** ®
ACCURATE WEIGHT BRINGS PROFIT

# KK-WI-iMulti

Kanta King-WI-iMulti-Dyl is a complete solution for steel industries or any such industries, that require loading of many materials in a single vehicle. In some application, a vehicle is loaded/unloaded multiple times with different materials. It provides an easy process for weighing, collective ticket & also saves a lot of weighment time and gives net weight of each material. It is robust in nature to withstand harsh environmental conditions. It can operate reliably over a wide temperature range and also in humid weather.

## Tickets



```
                    ELECTRONICS PVT. LTD.
                        19, A. B. ROAD
                           INDORE

TICKET NO      :  1              VEHICLE NO.    :  MP09 GA 1234
CUSTOMER       :  ABC TRADERS

1st Wt. for this vehicle  :  35015  kg.  Date :  12/03/13   Time 14 : 25
Last Wt. for this vehicle :  30015  kg.  Date :  12/03/13   Time 14 : 25
Net Wt. for this vehicle  :   5000  kg.

Transaction Details :

MATERIAL       |  1st Wt  |  2nd Wt  |  Net Wt  |  Remarks
DESCRIPTION    |   kg     |   kg     |   kg     |

1  SUGAR       |  35015   |   5000   |  30015   |  Unloaded
2  SALT        |   5000   |  10005   |   5005   |  Loaded
3  WHEAT       |  10005   |  14915   |   4910   |  Loaded
4  PULSES      |  14915   |  19985   |   5070   |  Loaded
5  RICE        |  19985   |  25020   |   5035   |  Loaded
6  TEA         |  25020   |  30015   |   4995   |  Loaded

                    Total Net Wt.  :   5000  kg.

Operator Signature :
```

## Rear Panel



## Hardware Features

- 32 Bit ARM processor
- Sigma Delta Type 24 Bit ADC
- Front mount 16x2 LCD display & 1/2" LED display
- SMPS power supply
- On board memory to save approx 8,000 records
- USB ports for standard computer keyboard & pendrive
- Centronics port for 80 column Dot matrix printer
- RS232 port for display/continuous transmission of current weight
- Table top port for connecting external wired display
- Field programmable 10 subtitles for ticket data entry
- Coding facility (100 codes for 4 entries)
- Report printing
- Multi level passwords for security

## Salient Features

- Multiple weighment can be done in a single Ticket/RST No. (Up to 15)
- Material name can be entered like Iron, Steel and sariya etc
- The description of net weight of each item is mentioned correctly in the ticket
- Ticket contains name of item, last weight, net weight of material, with gross weight and total net weight.

## Scope of Supply

- KK-WI-iMulti-Dyl
- Power cable
- Load cell connector
- Printer isolator cable

Marketed by :
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# Specifications for 2.3" 5 Digit

## Benefits

**Multiple Weighment**

Entry of multiple items in a single ticket saves lot of time and effort

**Reduces Errors**

All the weighment related calculations are done by the machine, so chances of human error is reduced

**Cross Check**

Details of loading or unloading of material is mentioned in the ticket, thus the cross checking of material becomes easy

**Application**

Application for various industries like steel manufacturing., steel trading & marble etc

## Optional Features

- Graphical LCD
- LAN networking
- Inbuilt wireless for connecting wireless accessories (JB, display)
- Other housing choices

## Applications

1. Steel Manufacturing
2. Marble Industries
3. Steel Trading

**PROTOCOLS AVAILABLE :**
OPEN PROTOCOL || CUSTOM PROTOCOL

# Technical Specifications

| | |
|---|---|
| Processor | 32 bit ARM processor |
| Processor clock | 50 MHz |
| Real time clock | On board battery backed RTC |
| RTC clock frequency | 32.768 KHz |
| Memory | On board memory to save 1 lakh records |
| Power supply | SMPS power supply |
| Input voltage | 90V to 270V AC @ 50Hz |
| Protection | 750mA fuse for input AC mains |
| | Input line filter for EMI and RFI suppression |
| | Spike suppressor for input transients |
| | Opto-isolation of signals and I/O's for high immunity from electrical noise |
| Power consumption | 10 VA (approx.) |
| A/D converter | Sigma Delta type with 24 Bit resolution |
| A/D clock | 20 Hz |
| Conversion speed | Internal 25 samples per second |
| Load cell excitation | 8V DC with current capability to drive up to 12 load cells of 350 ohms input resistance |
| Signal sensitivity | 0.3 micro volt per division of weight (unit weight) |
| Display | 16 characters by 2 line LCD display with backlight 1/2" LED |
| | 7 segment red display to show weight. |
| Keyboard port | 101-key with USB connector compatible keyboard. (Recommended for use Logitech or Microsoft) |
| USB Port | USB Port configured for Pen Drive/ DMP printer |
| Printer port | Isolated Centronics compatible printer port to connect 80-column dot matrix printer for printing of weighment record and reports |
| Serial port | Isolated RS-232 serial port for continuous weight transfer/modem connectivity |
| Remote display port | Remote display port to connect external display (2", 4", 6", 8", 12") |
| Environment | Operating temperature: 0° to 55° celsius |
| Humidity | up to 95% RH non-condensing |

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