

WEIGHBRIDGE INTELLIGENT TERMINAL

Weighbridge Application Intelligent Terminal is a complete solution to serve for public or industrial weighbridge. Its features of weighing, data processing, saving, printing makes it a stand-alone utility for weighbridge. 'AND 7300' is robust in nature to withstand harsh environmental conditions. It can operate reliably over a wide temperature range and also in humid weather.

Sample Ticket

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ABC WEIGHBRIDGE
NEW CITY
INDIA

RST NO      :      23      VEHICLE NO : MH 09 AB 1234
CUSTOMER   : GAGAN      MATERIAL    : STEEL
COMMODITY  : RODS      SOURCE     : NEW CITY
CHALLAN NO : 9003      DESTINATION: OLD CITY
ADDRESS    : 29/1 A.B ROAD NEW CITY  PHONE NO.  : 952751145
REMARK     : NA

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GROSS Wt:  23915 kg   Date:20/09/2015 Time:15:26
TARE Wt:   15880 kg   Date:20/09/2015 Time:15:25
NET Wt:    8035 kg   EIGHT ZERO THREE FIVE kg

Charges(1): Rs. 700   Charges(2): Rs. 500   Charges(total): Rs. 1200

OPERATOR'S SIGNATURE:

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Contact for repairs at tel no
    
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Sample Report

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ABC WEIGHBRIDGE
NEW CITY
INDIA

ABC WEIGHBRIDGE
Report - from RST : 22 To : 27
For MATERIAL STEEL
Page Number : 1

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Sno | RST | VEHICLE NO | CUSTOMER | MATERI | GROSS kg | Date & Time | TARE kg | Date & Time | NET kg | ChRG
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1 | 22 | MH 09 AB 123 | RAHUL | STEEL | 15880 | 20/09/2015 15:15 | 7948 | 20/09/2015 15:14 | 7940 | 700
2 | 23 | MH 09 AB 123 | GAGAN | STEEL | 23915 | 20/09/2015 15:26 | 15880 | 20/09/2015 15:25 | 8035 | 1200
3 | 24 | KA 29 AB 123 | RAHUL | STEEL | 23915 | 20/09/2015 15:28 | 15880 | 20/09/2015 15:28 | 8035 | 1400
4 | 25 | JK 09 AB 123 | RAM | STEEL | 15880 | 20/09/2015 15:29 | 7945 | 20/09/2015 15:28 | 7935 | 1200
5 | 27 | UK 12 AB 123 | AMAN | STEEL | 7948 | 20/09/2015 15:32 | 10 | 20/09/2015 15:32 | 7938 | 1200
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Total | | | | | | | | | 39870 | 5700
    
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Pen Drive dumping Screenshot

RST	VEHICLE NO	CUSTOMER	MATERIAL	COMMOD	SOURCE	CHALLAN NO	ADDRESS	PHONE NO	GROSS Wt	DATE	TIME	TARE Wt	DATE	TIME	NET Wt	CHRG
22	MH 09 AB 1234	RAHUL	STEEL	RODS	NEW CITY	9003	29/1 A.B ROAD NEW CITY	952751145	15880	20/09/2015	15:15	7948	20/09/2015	15:14	7940	700
23	MH 09 AB 1234	GAGAN	STEEL	RODS	NEW CITY	9003	29/1 A.B ROAD NEW CITY	952751145	23915	20/09/2015	15:26	15880	20/09/2015	15:25	8035	1200
24	KA 29 AB 1234	RAHUL	STEEL	PLATES	INDORE	9004	12/3 JAIPUR	9827511760	23915	20/09/2015	15:28	15880	20/09/2015	15:28	8035	1400
25	JK 09 AB 1234	RAM	STEEL	PLATES	JAIPUR	80	12/3 JAIPUR	9827511760	15880	20/09/2015	15:29	7945	20/09/2015	15:28	7935	1200
27	UK 12 AB 123	AMAN	STEEL	TRADERS	JAIPUR	80	12/3 JAIPUR	9827511760	7948	20/09/2015	15:32	10	20/09/2015	15:32	7938	1200

Hardware Features

- Sophisticated operations powered by 32 bit ARM processor
- Multi step calibration, smart calibration supported by 24bit ADC
- Front mount 16x2 LCD display & 0.5inch LED display
- High end protection against lightning and surge using improved SMPS
- On board memory to save 1lakh records
- USB ports for Standard computer keyboard & Pendrive
- Centronics port for 80 column Dot matrix Printer
- RS232 port for display/GSM modem/continuous transmission of current weight
- Table top port for connecting external wired displays

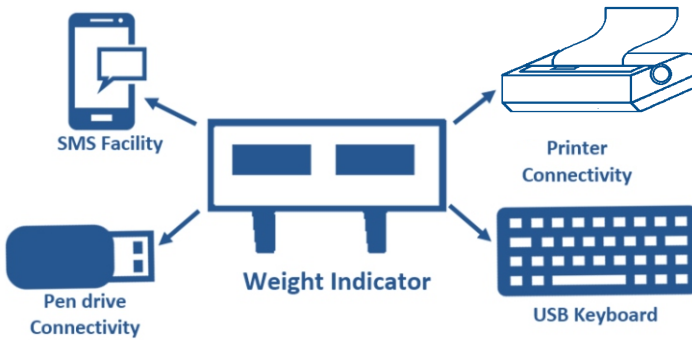
Software Features "Weighbridge Privilege"

- Simple process for weightment of Tare/ Gross Vehicle weight
- 10 entries in ticket of 5 characters each
- 4 code banks for 100 codes each(Flexibility of setting)
- Field settable header, footer, signature lines
- Facility to view/print earlier saved records according to RST no/ Vehicle no
- Multiple report option all/asummary/filtered/serial no. wise/date wise/time wise
- Dumping of report into pen drive to avail softcopy of records (.xls)
- Field settable Pre-printed tickets
- SMS feature in 3 different ways
- Net weight printing in words
- Mandi Application feature of Rate, Amount, Binding material deduction etc.

Software Features "Installation Privilege"

- LCD start up message field settable as OEM/weighbridge name
- Installation settings secured under engineer login
- Engineer login password field settable by authorised OEM
- 20 step software calibration with random load sequence
- Smart Calibration
- Multi-step smart calibration
- Calibration data restoring
- Installation report

Peripheral



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 1/2", 1", 2.3" & 4"
Environment	Operating temperature: 0° to 55° celsius
Humidity	up to 95% RH non-condensing

Scope of Supply

- AND7300
- Power cable
- Load cell connector
- Printer isolator cable

Optional Features

- Confidential Report
- Inbuilt wireless for connecting wireless accessories (JB,display)

Applications

- 1 Public Weighbridges
- 2 Industrial Weighbridges
- 3 Toll Ways