



Mini IT for Platform Scales

"Mini IT for Platform scale" is a multipurpose weighing indicator designed for concise slip printing & is suitable for platform scale applications. Printed slips are a basic necessity of the small business and industries now-a-days. These slip can be used for identification of various items, for keeping records, it can also be used as a gate pass. Indicator has selectable fields along with a provision of coding of product, report printing etc.

Hardware Features

- Power backup of 20 hours using 6V built in battery.
- Three-step calibration to achieve accurate and error free calibration
- Smart calibration to correct small weight errors
- Front mount Thermal printer for 2.25" wide ticket
- Real time Clock for date, time
- Memory to save 1750 weighment records
- Code memory to save 99 codes for product name and its price

Software Features

- Three weighment modes, facilitating more than 6 weighment types
- Number of item can be recorded under a LOT/ RST
- Auto incremented lot number with editable feature
- Coding for item code, item name, rate can be done
- Duplicate print slip can be printed
- Report Printing for RST/Lot/ date wise
- Report Formats for Full/ Summary report

Applications:

Small Industries

Shop floors in big industries

Retails Industries

Specification

Processor	8051 controller
Processor Clock	18 Mhz
Power Supply	SMPS Design
Input Voltage	90V to 270V AC @ 50Hz.
Protection	Spike suppressor for input power 2.5 A Fuse for AC power input Input line filter for EMI and RFI suppression
A/D Converter Resolution	Sigma Delta Type with 24 bits resolution
A/D Clock	2 MHz
Conversion Speed	20 samples per second
Load Cell Excitation	6V @ 150mA current capability to drive up to 6 load cells of 350 ohms input resistance.
Signal Sensitivity	1 micro volt to 3 micro volts per division of weight (unit weight).
Display	5 digit 1/2" RED Seven Segment LED display.
Output	One number relay (Potential free contact)
Power Consumption	4VA (approx)
Environment	Operating Temp - 0° to 50° C Humidity - upto 95% RH non condensing
Enclosure type	Panel Mount with sheet metal & extruded aluminum sections
Optional output	RS 485 serial port or 4-20 mA analog current

Few sample tickets & reports

RAVI DAL MILL Y.N.ROAD NEW CITY
Rst : 7 Product : M.MOGAR
Wt : 2.000 kg
Date : 16/03/2015 Time : 14:38
HAVE A NICE DAY

RST wise
ticket

RAVI DAL MILL Y.N.ROAD NEW CITY
Key : 1 Date & Time : 16/03/2015 14:55
SNO Wt.(kg) PROD.
1 1.750 ARHAR
2 2.000 URAD
3 0.750 CHANA
4 0.500 MASOOR
5 0.250 MOONG
Tot: 5.250
HAVE A NICE DAY

LOT wise ticket
with
products

RAVI DAL MILL Y.N.ROAD NEW CITY
Key : 2 Date & Time : 16/03/2015 16:05
SNO Wt.(kg)
1 1.000
2 0.750
3 0.500
Tot: 2.250
HAVE A NICE DAY

LOT wise ticket without
products

RAVI DAL MILL Y.N.ROAD NEW CITY
DATE wise report From Date 16/03/15 to 16/03/15
RST DATE & TIME Wt.(kg)
1 16/03/2015 16:35 1.000 2 16/03/2015 16:35 1.250
Total --> 2.250
HAVE A NICE DAY

Date wise report

RAVI DAL MILL Y.N.ROAD NEW CITY
LOT. Wise report From LOT. 1 to 3
LOT DATE & TIME PROD. -> RATE Wt.(kg) AMOUNT
1 16/03/2015 11:31 ARHAR -> 142.10 2.000 284.00 1 16/03/2015 11:32 URAD -> 71.00 1.500 107.00 1 16/03/2015 11:32 CHANA -> 110.50 1.000 111.00 2 16/03/2015 11:33 MOONG -> 59.00 0.750 44.00 2 16/03/2015 11:34 MASOOR -> 121.00 0.750 91.00 2 16/03/2015 11:34 M.MOGA -> 85.00 0.500 43.00 3 16/03/2015 11:35 ARHAR -> 142.10 0.500 71.00 3 16/03/2015 11:35 U.MOGA -> 87.00 0.500 44.00
Total --> 7.500 795.00
HAVE A NICE DAY

LOT wise

RAVI DAL MILL Y.N.ROAD NEW CITY
RST. Wise report From RST. 1 to 7
RST DATE & TIME PROD. -> -> Wt.(kg)
1 16/03/2015 14:36 CHANA -> -> 0.500 2 16/03/2015 14:36 MOONG -> -> 0.500 3 16/03/2015 14:37 CHANA -> -> 0.500 4 16/03/2015 14:37 MASOOR -> -> 1.000 5 16/03/2015 14:37 ARHAR -> -> 1.000 6 16/03/2015 14:38 URAD -> -> 0.500 7 16/03/2015 14:38 M.MOGA -> -> 2.000
Total --> 6.000
HAVE A NICE DAY

RST wise report