

Innovating since 1977

Winter-III is an electronics intelligent indicator for lorry weighbridges and is feature packed for both commercial and industrial weighbridges. It comes pre-loaded with a highly flexible embedded software and high-resolution analog to digital convertor to suit any static weighbridge application. It can be interfaced with most of the software and used for applications like:

- Unmanned weighbridge
- Filling system
- Cloud connectivity
- Customizable for any weighbridge application





## **FEATURES**

- · User based access to settings and functions (3 levels)
- Hardware protection for critical functions (USB Security Dongle)
- Internal memory for storage of weighments and databases with maximum capacities as below;

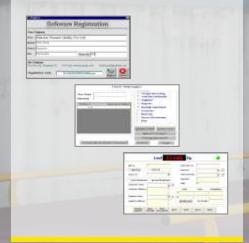
Weighments 10,000 numbers
Vehicle Database 500 Vehicles
Master-List Database 500 code/value pairs
Operator Database 5 Operators

- · Built-in RTC with battery back-up
- Two USB Host ports for keyboard, printer, USB disk and security Dongle
- Ethernet or USB Device port for connection to PC

- RS484, MODBUS RTU Slave port or MODBUS RTU Master port for digital loadcells
- · Display port for connection to external large display
- Extensive reporting options which can be printed, saved to USB disks or uploaded to PC
- · Programmable header texts
- Programmable weighment data labels
- · Programmable receipt format
- · Automatic zero tracking
- · Programmable filter
- Dot matrix LCD display for setting & programmable parameters
- 5 digit 13mm LED display for weight
- · Tare and Calibration through keyboard

## TECHNICAL SPECIFICATIONS Model No. Winter-III Power Supply Input 230V, 50Hz, +/-10% Type **Tabletop** 32 bit Processor Processor Analog Input 30 mV (max.) from load-cell Analog to Digital Converter 24 bit Sigma Delta Converter Internal Resolution 1 in 15000000 Counts Excitation to Load-cell 5 V DC (Maximum 8 load-cells in parallel) Weight Units Programmable (kg, gm, etc.) 4-20 mA(16 bit fully isolated) - 1 No. **Analog Output** Communication Ports USB - P.C USB - Keyboard RS 232 / RS 485 Real-time Clock In-built (for Date and Time) 2 MB (20000 weighments and 1000 products) Memory Dot Matrix LCD with LED backlight Display 5 digit 13mm LED display for load Display Size 32mm (H) x 104mm (L) Calibration Programmable Parameters Configuration Set Points Filter Zero Margin Weighment Printing Printing Report Printing

## APPLICATION SOFTWARE





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