

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

WINTER-III

The Weighbridge Interface



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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
Processor	32 bit 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.)
Analog Output	4-20 mA(16 bit fully isolated) - 1 No.
Communication Ports	USB - PC USB - Keyboard RS 232 / RS 485
Real-time Clock	In-built (for Date and Time)
Memory	2 MB (20000 weighments and 1000 products)
Display	Dot Matrix LCD with LED backlight 5 digit 13mm LED display for load
Display Size	32mm (H) x 104mm (L)
Programmable Parameters	Calibration Configuration Set Points Filter Zero Margin
Printing	Weighment Printing Report Printing

APPLICATION SOFTWARE



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