

# ED3 SkidWeigh Plus Series

Lift Truck On-board Check Weighing Systems



The **ED3 SkidWeigh Plus Series** are general application, heavy duty, fully automatic microprocessor electronic systems that will measure the load weight on any type of material handling vehicle regardless of the vehicle make, model, operating voltage or lifting capacity.

Every time a load is picked up the increase in hydraulic pressure on the vehicle lifting circuit will automatically activate the "load weighing cycle" at sample rate of 16000 readings per session with measurement that is visually presented to the operator via LCD display.

The ability to input waybill numbers, operator ID#, vehicle unit numbers along with a 'real time' date stamp provides companies the ability to record, categorize and keep accurate records of the loads weighed. Accurate to +/- 1% of the vehicle maximum weighing capacity this on-board scale is also capable of providing information pertaining to performed safety checks, vehicle utilization and overload warning.

Data output capabilities include printer or barcode scanner options with Bluetooth interface.

The industry leading weighing benchmark for performance, technology and design engineered with the operator in mind the system is easy to use and capable of withstanding the most demanding and challenging operational environments.



### Technical Data

- Voltage from 12 to 55 VDC
- Switching power supply
- Reverse polarity protection
- Operating current 80mA
- Technology, 16 bit micro controller
- 6 Mbit flash memory
- Real time clock
- LCD display, 2 lines x 16 characters
- Keypad 16 key with tactile feedback, sealed, watertight with functions overlay
- USB port
- Enclosure ABS, 120 x 80 x 55 mm
- Weight, 0.5kg
- Operating temperature -40 C + 70 C
- **Pressure Transducer** (Swiss Made)
- Port connection, male 1/4"-18 NPT
- Built in pressure snubber
- NEMA 4X protection
- Reverse polarity protection
- Over voltage protection
- Short circuit protection
- Housing material, Stainless steel AISI 303
- Weight 95 grams
- Installation, unrestricted
- Cable 3 wires, 5' long

### Standard

- Weighing accuracy, +/- 0.1 to 1% of vehicle lifting capacity
- Load weight display range up to 99999 pounds or kilograms
- Single weighing channel
- French and English language
- Lift-n-weigh load weighing procedure

### Optional Features

- Accumulative load weight total
- OSHA safety checklist procedure
- Operators ID# input
- RFID card reader
- Upgrade to RF wireless data send
- Automatic downtime reporting
- TARE input
- Parts count function
- Overload warning
- Bluetooth module
- Overload relay SPDT for external use
- Automatic load weight "SEND" function
- Software configuration for vehicle with hydraulic accumulator(s) **Note: Must be specified when placing order**
- Load weight printout ticket (Optional printer, thermal, dot matrix or label)

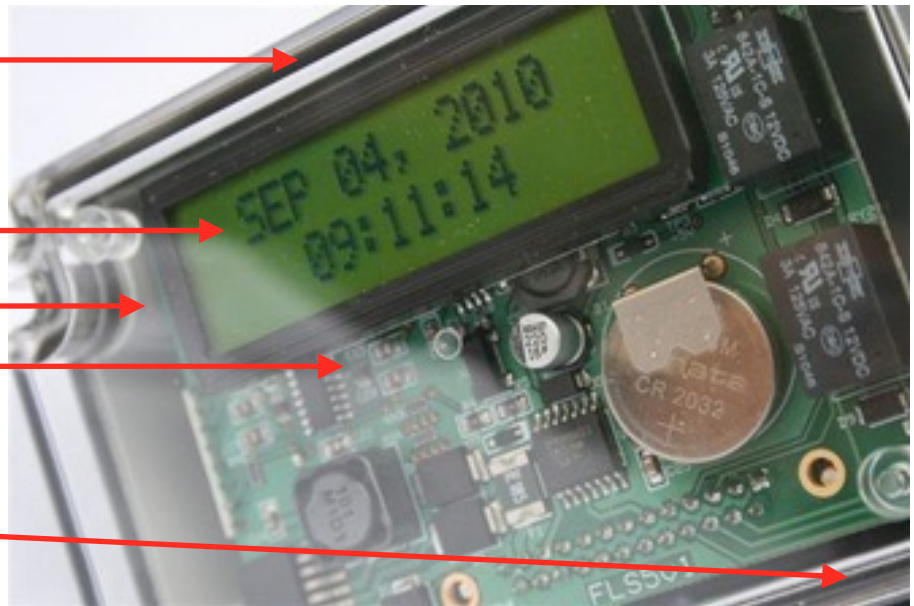
Front cover with seamless foam in place gasket assures watertight and dust

LCD display

Clear cover, impact resistant

Surface mount PC circuit components

Liquid tight fitting for external wiring cable



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