

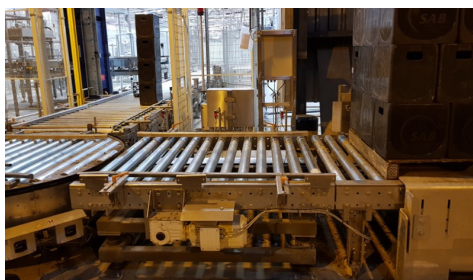
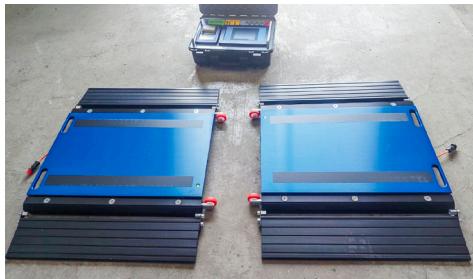


Accurately Weighing Africa

# DD950

## Intelligence Series

### ONE INDICATOR FOR EVERY SOLUTION



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**DD950-11.25.2**



# DD950 Digital Weighing Indicator

## One Indicator for Every Solution

The DD950 is Sasco Africa's next-generation industrial IP 65 weighing indicator, engineered to provide maximum flexibility and performance across a wide range of weighing applications. Designed for both new installations and upgrades of existing weighbridges, it seamlessly supports both digital and analogue load cells, making it the single solution for diverse weighing needs.

### Multiple Applications

- Standard Weighbridges
- Multi Deck Weighbridges
- Weigh-in-Motion
- Weigh Pad
- Batch Weighing
- Check Weighing
- Hopper Scales
- Belt Scales



### Key Features

#### Standalone or Integrated Operation

The DD950 can function as a **fully standalone system**, offering onboard databases for vehicles, products, suppliers, and customers, and allowing **direct printing to a connected printer**. For more advanced centralized control and reporting, it can be **integrated with ProWeigh+ software**, ensuring seamless data management.

#### Rugged, Connected, and Ready for Any Industrial Challenge

The DD950 combines robust industrial design with versatile connectivity, offering RS232, RS485, USB, optional Ethernet, Wi-Fi, Bluetooth, and PLC/SCADA interfaces for seamless integration into virtually any industrial process. Housed in an IP65-rated enclosure, it is built to endure demanding environments while delivering legal-for-trade use.

## Core Functionality

- IP 65
- 24-bit A/D converter, 4 channels, up to 3200 conv./sec and up to 8 signal linearisation points
- 4 independent analogue channels for reading weights
- Connection of up to 16 analogue load cells of 350 Ohm
- Connection to up to 16 digital load cells
- Up to 10.000e or 3 x 3000e@0.3uVe CE-M legal for trade
- Up to 1.000.000 displayable divisions for internal factory use internal resolutions up to 3.000.000 points.
- Directly connectable to a printer or labeller

## Inputs And Outputs

- 2 RS232 serial ports, for connection to printer, PC or PLC, radio module and optional interfaces.
- 1 RS232 serial port (RS485 optional), for connection to printer, remote scale, badge reader, or digital load cells.
- Fitted keyboard emulation input, for barcode/badge readers or external PC keyboard, through cable with mini DIN connector (optional).
- 4 optoisolated outputs (optional).
- 2 optoisolated inputs (optional).
- External Profibus or Modbus/TCP, interface (optional), for automation management.
- External Profinet, Ethernet/IP, EtherCAT, CANopen or DeviceNet interface (optional, only with standard AF01 weighing program).
- Modbus RTU Interface.
- Optional Bluetooth connection, for quick wireless programming of the activities and the formulas, through PC, tablet or smartphone.
- CANopen or DeviceNet interface (optional, only with standard AF01 weighing program)

## Customised Applications

Thanks to the integrated development, you can create complete customised applications in autonomy:

- wizards, operator messages
- serial port management, protocols
- customisation
- digital I/O full management
- sequential or simultaneous automations
- data entry, custom archives

## Application Firmware

### Weighbridges

- Designed for full-length weighbridge, multi-deck weighbridges, WIM (Weigh-in-Motion), and axle group weighing
- Supports vehicles, customers, and product databases for complete transaction management
- The indicator can generate *(without the need for a PC)* weighbridge slips and allows USB data export
- Ideal for truck weighbridges, fleet management, and general vehicle weighing.



### Axle Weigh

- Handles dynamic and static axle weighing for trucks and trailers
- Suitable for Group Axle Weighers and WIM systems
- Calculates individual axle weights and total vehicle weight
- Supports legal-for-trade totalisation and overload detection

### Batch Weigh

- Multi-Component Batching designed for automatic dosing of multiple ingredients
- Controls conveyors, feeders, and valves via digital outputs
- Provides recipes and batch reports for industrial mixing processes
- Ideal for feed mills, concrete batching, and bulk material handling
- Then there is a simpler batching option for Ideal for simple filling and dosing applications.



## Application Firmware

### Check Weigh

- Dedicated to statistical control of prepackaged goods
- Ensures compliance with legal metrology standards for packaging
- Provides weight distribution analysis, average weight, and standard deviation
- Ideal for quality control in production environments



### Hoppers (In Final Testing)

- This firmware will be launched shortly
- Handles a range of hopper scale applications
- Suitable for both trade and non-trade applications

### Belt (In Final Testing)

- This firmware will be launched shortly
- Handles a range of hopper scale applications
- Suitable for both trade and non-trade applications



## Languages

Menu selectable languages:

IT, EN, FR, DE, ES, PT, PL\*

## Programing Tools

Bespoke programs can be developed using any of the following tools:

- Windows 1252: EN, GA, IT, NO, PT, ES, SV, DE, FI, IS, FR, NL, SL
- Windows 1250: PL, CS, SK, HU, SL, SH, RO, SQ, EN, DE
- Windows 1251: RU, UK, BE, BG, SR, MK, EN
- Windows 1253: EL, EN
- Windows 1258: VI, EN, FR

## Certifications

- EU Type Examination Certificate (45501:2015)
- OIML R76
- OIML R51 - MID
- OIML R134 (AF09)
- Australian legal for trade certificate of approval (NMI S788)



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