

Weight Indicator model ISC-V

Versatile, compact indicator in stainless steel housing, suitable for many applications!

The wide range of available functions and interfaces, make it suitable for multiple industrial and commercial weighing applications, such as floor scales, mobile weighing, etc.



Properties

- high performance and versatile weight indicator, **CE approvable**
- stainless steel housing, watertight with sealed rubber gasket, protection class IP68
- easy to clean and suitable for use in harsh and corrosive environments
- waterproof flat keyboard with 5 function keys, with indication for quick access to the most important functions and regulations
- clearly readable LCD display with backlight, 25 mm high, 6 digits with high contrast and pictograms for indication of active functions
- dim. 243 x 145 x 78.5 mm (w x h x d)
- suitable for placement on a work table, on an optional tripod or mounting on a wall
- 24-bit A / D converter, 4-channel, up to 200 conv./sec. autoselect and up to 8 signal linearization points
- display resolution up to 10000E or multirange 3 x 3000E @ 0,3 μ V / d CE-M approved version for commercial use
- up to 1,000,000 parts to be displayed with built-in resolution up to 3,000,000 points
- number of connectable load cells: 8 (350 Ω) / 16 (700 Ω)
- tare, net / gross display in; accumulated weighing, formula weighing, percentage weighing, alibi memory (option), counting function (counting resolution of 1,500,000 parts), in / out truck weighing, hold function, peak value, network function up to 4 indicators
- high resolution weighing (10x more accurate reading)
- digital calibration and setting from the keyboard or PC with optional AllScales software for Windows
- power supply: 110 – 240V (strong power cord)
- 2x RS-232/C port
- IR-input for optional remote control

Keyboard functions

- zeroing, automatic tare, presettable tare
- printing and/or data transmission
- selectable function command; on-/off switching
- backlight setting (on/off)
- function mode quick selection
- user menu

I / O-section

- RS232/C port configurable for connection with printer / labeller, or for attached printer
- RS232/C (or optionally RS485) bi-directional port configurable for PC, PLC, remote display, and radio modem
- quick RJ RS232 plug connection

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Further characteristics and properties

Functioning modes

Multi-scale repeater (Master): function which allows to repeat up to 32 independent scales, with the possibility of managing their functions, or displaying and printing the sum of the weights of all the scales.

Universal weight repeater: function which allows to repeat the weight of any scales, through the configuration of the input string.

Available functions from remote control

Radiofrequency 6-key remote control: zero, tare, enable / disable function, print, switch-off.

Selectable function modes

The user can select the operating modes directly using the dedicated key*:

- high resolution display 10 x more accurate
- precision weighing with temporary recalibration via a sample weight (for internal factory use)
- net/gross indication
- Newton to kg converter
- Lb to kg converter
- free conversion factor (for meter and litre counters etc.)
- weight totalizer
- formulizer
- +/- controller with quick target and threshold input
- percentage weighing
- percentage batching with programmable target
- piece counter
- hold function
- two-speed filling/batching with reset upon starting (with optional interface)

The "alibi memory" and "setpoint" functions are available in combination with the required operating mode and they are activated automatically when installing the relevant optional board.

Optional functions

- peak, detection of weight peaks
- Newton to kg converter

Access to the user menu is gained using the dedicated key* to adjust the weighing filter, date and time, setpoint and tare weight, which the user can access by entering a programmable access password.

* These quick access keys to the menus can be blocked by configuring a dedicated password.

Options i.a.

- infrared remote control
- adjustable stainless steel wall bracket for mounting the indicator at the wall
- pole for indicator, stainless steel
- easy weigh software for Windows PC
- real-time clock module for printing / displaying date and time
- USB interface (instead of standard RS-232 interface)
- RS485 interface
- alibi memory, incl. date / time for max. 120,000 weighings; for approved transfer of weight to PC / PLC or data storage on MMC / USB; real-time clock integrated for printing date / time
- 2 IN / 2 OUT interface (not in combination with alibi memory)
- Master / Repeater program (see Extra Information tab)
- wireless 2nd weight indicator / repeater
- large 2nd display (repeater with extra large SMD LED display, 100 mm high digits, visible up to over 25 m away)
- ethernet-interface, 10 – 100 Mbps, TCP, UDP, IP, ARP, ICMP, Ethernet Mac protocols
- BlueTooth interface (2.0 +EDR) for fast wireless connection to PC, laptop or tablet
- light tower (red-orange-green) as an optical indication for checkweighing
- external thermal ticketprinter/labelprinter
- connection cable from RS-232 to PC/printer (approx. 1.5m)
- connection cable from USB to USB of PC (approx. 1.5m, art. AC143 needed)
- wireless connection indicator (RS-232) to USB of PC / printer
- peak, detection of weight peaks
- Newton to kg converter

Master/repeater option

Specific program for use of the indicator as a universal weight repeater or as a multi-scale repeater (Master) in combination with ISC-.. / AST-indicators.



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Measurement sketch (measurements in mm)

