

Weight indicator model INDATEXHPR3GD

Suitable for application in hazardous area, protection according to ATEX II 3G Ex nR IIC T6 Gc X (for gas) and ATEX II 3D Ex tc IIC T130°C Dc IP68 X (for dust) - Zone 2 & 22.



Options

- stainless steel bracket for stand – for mounting ATEX battery
- painted steel stand for indicator
- stainless steel stand for indicator
- internal real-time clock module
- internal alibi memory module for max. 120.000 weighings, incl. real time clock
- internal 2 IN / 2 OUT module ATEX 3GD (not possible in combination with alibi memory)
- internal analog output module 0-4/20 mA or 0-10Vdc
- internal ethernet interface
- wireless connection through radio frequency module AS-RFEX
- WiFi module ASWIFEX
- RS485 bidirectional port (instead if standard RS232 interface)

Remaining options, for use in safe area only:

- thermal ticket- or labelprinter
- external ATEX battery pack in IP65 stainless steel housing. For ATEX 3GD instruments, 2 and 22 zones. ATTENTION: recharge in safe zone only, connectable and disconnectable from the weighing system also in hazardous area.

General properties

- CE approvable (application for legal trade)
- water protected, 25-keys flat keyboard
- clearly readable LED-display, 15 mm height
- graphical backlit LCD-display, 25 mm height
- stainless steel housing, protection class IP68, dim. 264 x 174 x 115 mm
- 16 clear LEDs indicating the active functions
- real time clock and alibi memory
- permanent data memory (available databases differ per software version)
- easy Excel data entry: direct communication to spreadsheet or word processing program on PC (like MSeExcel or MSWord)
- display resolution up to 10000e or multirange 3 x 3000e @ 0,3 μ V/d (CE verified)
- max. 1.000.000 visible parts in display for internal application and with a 3,000,000 points internal resolution
- internal rechargeable battery and internal charger 230V
- number of attachable load cells: 8 (350 O) / 24 (1000 O)
- 2x RS-232/C interface; 1x RS-232/RS-485 interface
- 4 optoisolated outputs, 2 optoisolated inputs and IR-input for optional remote control
- 4 optoisolated outputs, 2 optoisolated inputs (I/O version)
- standard equipped with 2x RS-232 interfaces (for connecting Printer, radio-interface, PC, PLC or external display), 1x RS-232/RS-485 interface (for connecting PC, PLC or digital load cells), PS/2 connector (for external PC keyboard or barcode scanner)



Option:
external battery + charger INDATEXHPR-3GD-ACCU



ATEX Explosion protected Weight Indicator

INDATEXHPR3GD

There are 4 firmware-versions available.

01- Totalizing / Dosing

Suitable for advanced applications with weight totalization, recipe weighing, with data- and print management.

- zeroing; gross/net selection; manual or automatic totalization;
- horizontal totalization (lot total), vertical totalization (recipe total), subtraction; with automatic tare
- tare by weighing, through preset (direct or computed); free automatic tare; database of 300 tares per weighing platform (up to 4 platforms); blocked / unblocked tare
- off-/on switchable keyboard functions
- 15 configurable and printable ID-texts of 32 characters each, f.i. code, lot, operator ID, shift number, etc.
- database of 1000 articles with 3 alphanumeric descriptions (2 lines each of 20 characters each), tare, linked tare
- database of 200 Customers with alphanumeric description (5 lines of 30 characters each)
- selection of article, customer, tare from the database through bar code reader (option)
- 4 levels of zero settable totals printable in an independent way: partial total, general total, grand total, total by article
- calculator function: it is possible to add, subtract or multiply two values of up to 7 digits (entered through the keypad), print the result and apply it to the tare.
- Data Entry Protocol: complete set of serial commands so that one can manage scale functions from PC, in order to easily accomplish even the most complex applications by guiding the operator during the process operations; the protocol allows to manage the scale displays (to interact with the operator), carry out all the weighing functions, read the data entered via keyboard, check the input/output, manage the databases and emulate the instrument keyboard.
- programmable printout from keyboard of 30 print formats linkable to various functions (print key, totalization, article total, partial total, general total, grand total, first weigh heading); each print format may contain up to 512 positions which may be ASCII codes or preconfigured print blocks (f.i. company name, lot and weigh progressive numbers, gross weight, tare, net, added total, article description, date and time, etc. incl. preconfigured printing format).
- printing of the last 1000 weighings, printing of article database with customer, stocks (in weight)



03 – Vehicle Weighing

Suitable for advanced applications for weighing / checking incoming and outgoing trucks (including weighing of single trucks or trailers), with data and print management.

Main functions weighbridge software

- zero setting; gross/net selection; automatic tare or preset tare; blocked or unblocked tare
- data storage of in- / outgoing loads through ID-code or license number (up to 999 weighings)
- management of second scale: possibility of carrying out the input/output weigh with scale 1 or with scale 2; input weigh with scale 1, output weigh with scale 2 and vice versa
- tare by weighing, through preset (direct or computed); free automatic tare; database of 300 tares per weighing platform (up to 4 platforms); blocked / unblocked tare
- off-/on switchable keyboard functions
- function "A+B" for displaying sum of scale 1 + scale 2
- management of vehicles with trailer also on 2 scales (truck weigh on scale 1 + trailer weigh on scale 2)
- Master/Slave functioning for managing the weighing system from two indicators
- 15 configurable and printable ID-texts of 32 characters each, f.i. code, lot, operator ID, shift number, etc.
- database of 500 customers/suppliers with two alphanumeric descriptions of 20 characters each, linked tare, input total, output total, net total, weighs total
- database of 500 articles with alphanumeric description of 20 characters each, input total, output total, net total, weighs total
- database of 500 vehicles with alphanumeric description of 20 characters, license number (10 characters), linked tare, input total, output total, net total, weighs total
- 6 levels of resettable totals which may printed in an independent way: partial total, general total, grand total, customer total, article total, vehicle total
- printing of complete database reports or just the handled articles; Programmable printing from keyboard or from PC; 30 print formats linkable to various functions (Print key, Input weigh, Output weigh, Single weigh, Partial total, General total, Grand total, Customer total, Article total, etc.); each print format can contain 2048 positions which may be direct ASCII codes or preset print blocks (i.e. Company name, weigh and lot progressive, net weight, memory storage number, customer description, article description, date and time, etc. Included set of default printouts.



D1- 1 Component Dosing

Suitable for advanced applications, both weighing in loading mode and weighing in unloading mode, with weight totalization, formula weighing, data and print management.

- zeroing; gross/net selection; manual or automatic totalization;
- horizontal totalization (lot total), vertical totalization (recipe total), subtraction; with automatic tare
- tare by weighing, through preset (direct or computed); free automatic tare; database of 300 tares per weighing platform (up to 4 platforms); blocked / unblocked tare
- off-/on switchable keyboard functions
- 15 configurable and printable ID-texts of 32 characters each, f.i. code, lot, operator ID, shift number, etc.
- database of 1000 articles with 3 alphanumeric descriptions (2 lines each of 20 characters each), tare, linked tare
- database of 500 single-product formulas
- database of 200 Customers with alphanumeric description (5 lines of 30 characters each)
- selection of article, customer, tare from the database through bar code reader (option)
- 4 levels of zero settable totals printable in an independent way: partial total, general total, grand total, total by article
- calculator function: it is possible to add, subtract or multiply two values of up to 7 digits (entered through the keypad), print the result and apply it to the tare
- Data Entry Protocol: complete set of serial commands so that one can manage scale functions from PC, in order to easily accomplish even the most complex applications by guiding the operator during the process operations; the protocol allows to manage the scale displays (to interact with the operator), carry out all the weighing functions, read the data entered via keyboard, check the input/output, manage the databases and emulate the instrument keyboard
- programmable printout from keyboard of 30 print formats linkable to various functions (print key, totalization, article total, partial total, general total, grand total, first weigh heading); each print format may contain up to 512 positions which may be ASCII codes or preconfigured print blocks (f.i. company name, lot and weigh progressive numbers, gross weight, tare, net, added total, article description, date and time, etc. incl. preconfigured printing format)
- printing of the last 1000 weighings, printing of article database with customer, stocks (in weight).



DM - Multi Component Dosing

**Special dosage firmware for automatic dosing and merging of multiple components.
Completely programmable ticketprint layouts**

- for automatic multiple components dosage
- check of the tare presence at dosage start; the tare values are programmable for each recipe
- programmable number of repetitions of the dosage cycle; registration of the consumption
- programmable database of 500 formulas with 16 characters description each, target, flight weight and tolerance; speed
- change (approximate and fine), minimum and maximum tare
- dual dosage speed (approximate and fine), managed through output active in constant mode or with bleeding function, with programmable ON/OFF time
- quick modification of target weight by preset key
- dosage Start / Pause from keyboard or through activation of the inputs
- automatic printing of the dosage data
- automatic recalculation of the formula targets, by entering the total weight to be dosed
- storage and printing of the consumptions: consumption of each formula, recipe consumption, dosed general total; printouts quickly recallable from keyboard
- automatic correction of the flight weight, with programmable incidence degree
- tolerance test on the dosed weight, with guided correction through simple messages on the display
- (optional) analog output proportional to the weight or to the dosage speed
- control of the maximum dosage time and alarm management
- alarm indication in display
- management of the dosage on various scales (up to 4 independent), with automatic scale change during the dosage
- completely programmable printouts, for compatibility with any ASCII printer manageable through the serial port; printing of the dosage data, the recipe, consumption and totals' data

