

KDC SERIES MODULAR SCALES FOR PIECE COUNTING



KDC30

Precision counting scales with a very high counting resolution usable either alone or combined with other platforms, a printer and a computer. Manufactured according to OIML R-76 / EN 45501 standards.

CE-M APPROVED version also available for up to 4 platforms.

MAIN FEATURES

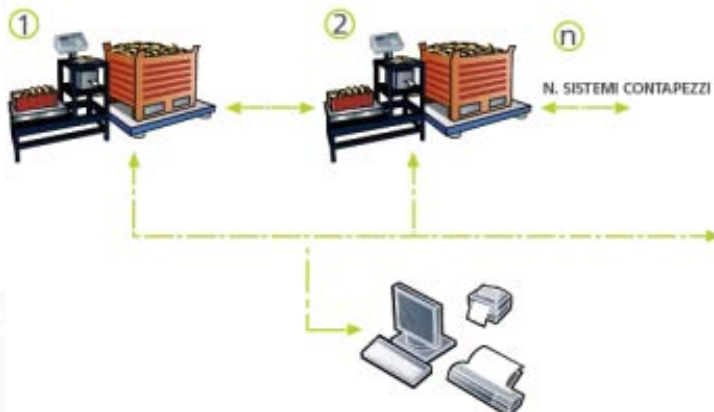
- 24-key alphanumeric and functional waterproof keyboard.
- Highly efficient red LED 6 digit 15mm display.
- **Large alphanumeric backlit LCD display** with 2 lines of 16 char. each. Synoptic bar graph with 16 bright indication LEDs showing the active functions.
- Easy to clean **ABS waterproof IP65** enclosure built to withstand harsh treatment and corrosive environments; with adjustable working angle for setting on a bench, column or wall; 278x130x186 mm size
- Permanent time/date and data storage.
- A.C.W. (Automatic Calibration Warning) automatically advises to check the configurable calibration.
- Internal counting resolution of up to 1,500,000 points.
- Automatic optimisation of Average Unit Weight.
- Digital calibration and set-up through keyboard or PC with DINITOOLS
- Possibility of setting an access password to the technical SETUP and one for the databases.
- Functions with one aluminium IP65 load cell
- Black oven-fire painted steel tubular structure, adjustable resting feet and level.
- Stainless steel satined loading surface in AISI 304.
- 3m cable between the platform and the indicator.
- Connectable to three different additional remote platforms with different capacities, besides the fitted one.
- Built-in rechargeable battery (60- hour life with one 350-Ohm load cell) and 110 - 240 Vac power supply.



SOFTWARE WINCOUNT



Wincount is the software that guides the operator through the operations of counting and printing of labels without having to manually enter on the scale the data from the PMU and articles.



discover
WinCount

MAIN FUNCTIONS

- Zero setting; Gross/Net selection; Counting in loading and unloading, Entry of reference quantity; Entry of known Average Piece Weight; Manual or automatic totalization of weight and pieces. Horizontal totalization (sum by lots), vertical (sum by formulation), in discharge, automatic with tare execution.
- Selfweighed tare; presettable tare (direct or calculated); unlocked automatic tare; Database of 300 tares for each scale (up to 4 scales); blocked/unblocked tare function.
- Disabling "areas" of keyboard function.

I/O SECTION

- RS232/C bidirectional port configurable for connection to printer, labeller or other external units.
- RS232/C (optionally RS485 or RS422) bi-directional port configurable for PC, PLC or other external units.
- Three 0.5A 48 Vac / 1A 24 Vdc relay outputs(NO or NC) configurable as direct check or upon weight stability, with programmable weight or piece thresholds (disabling and enabling thresholds).
- 2 optoisolated inputs configurable as remote function keys.

OPTIONS ONLY AVAILABLE AT TIME OF ORDER

- Attached printer.
- Connection to labeller.
- Support frames and carts.
- Connection to PC for stock management with WINCOUNT program.
- Inputs and relay outputs for automatic dosing and/or +/- items check.

PRINT FUNCTIONS

- Programmable printing from keyboard or from PC of 7 print formats (Print key, Totalisation, Article total, Partial total, General total, Grand total, first weigh heading); each print vector can contain 512 positions which may be direct ASCII codes or preset print blocks (i.e. Company name, weigh and lot progressive, gross, tare and net weight, additional total, article description, date and time, etc.)

- 15 configurable and printable ID text spaces containing 32 characters, for example: Code, lot ID, operator ID, shift number, etc.
- Database of 1000 articles each with: alphanumeric description of 3 lines of 20 characters, Average Piece Weight, tare, customer, and 3 set points on nr of pieces.
- Database of 200 customers with alphanumeric description of 5 lines of 30 characters each.
- Selection of Article, Customer, Tare from the database through bar code reader emulating the keyboard (with optional IFKBRD).
- 4 levels of zeroable totals printable in an independent way: partial total, general total, grand total, total by article.
- "Calculator" function: it is possible add, subtract or multiply two values of up to 7 digits (entered with the keyboard), print the result and apply it to the tare.
- Prints list of last 50 weights; prints database with each article's weight data

Available versions

Code	Dimensions (LxPxH)	Capacity g	Standard Division g	CE-M Division g (*)	CE-M2 Division g (*)	HR Division g (*)	Resolution g
KDC3	230x330x90	3000	0,5	1	--	0,1	0,01
KDC6	230x330x90	6000	1	2	1/2	0,2	0,02
KDC15	330x330x90	15000	2	5	2/5	0,5	0,05
KDC30	330x330x90	30000	5	10	5/10	1	0,1

(*) These divisions are obtainable only with the relative options

For each approved platform one must add the ECEM1 or ECEM2 options

Options only available at time of order

Code	Description
ECEM1A	CE-M 3000e approval for class III or IIII scales, with capacity from 1 to 30 kg.
ECEM2A	CE-M 2x3000e approval for class III or IIII scales, with capacity from 1 to 30 kg.
EHR	High resolution model for internal factory use.
OBTPRP	Thermal printer for mounting attached to weight indicator, with ABS case, connection cable, power supply from weight indicator.
OBMDP	Thermal printer and memory data printer for mounting attached to weight indicator, with ABS case, connection cable, memory card, power supply from weight indicator.
OBMMC	Memory Data Printer for mounting attached to weight indicator, with ABS case, connection cable, memory card, power supply from weight indicator.
OBCLTP	Three way control light with acustical alarm, for mounting attached to weight indicator, with ABS case, connection cable, power supply from weight indicator.
OBRF	External 868 MHz radio frequency module for weight indicator/repeater, with ABS IP65 protecting box and 3 m RS232 connecting cable; power supply from weight indicator/repeater. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRF must be combined with another radio module).
OBRFUSB	868 MHz radio frequency module for PC, with PVC box and 1 m USB/mini USB connecting cable; power supply directly from the USB port. Max. functioning distance, in appropriate environmental and installation conditions: 70m indoors, 150m outdoors. 50 configurable channels. (OBRFUSB must be combined with another radio module).
35ALMEM	Alibi memory (fiscal memory, max 120.000 weights) for approved transmission of the weight.
WIFIT	WI-FI interface for wireless connection (through access point) to the company computer system.
ETH	Ethernet bidirectional port with speed from 10 to 100 Mbps, TCP, UDP, IP, ARP, ICMP, Ethernet Mac protocols.
ETHCBRJ	Ethernet cable 1,5 m long, for connection between indicator and PC network (necessary for ETH option).
USBMB	USB interface, as an alternative of the standard connector RJ, for quick connection of the indicator to PC.
USBCABMB	USB cable for connection between indicator and PC (to be used with USBMB interface).
35RS485	RS485 port option
LCCBC	Shielded 6-pole cable for connection to weight indicator, made up of 50 cm cable with quick AMP connector and 7-pole male connector (indicator side) + 7-pole female connector to be soldered (platform side).
LCCB5C	Shielded 6-pole cable for connection to weight indicator, made up of 50 cm cable with quick AMP connector and 7-pole male connector (indicator side) + 5 m extension cable with 7-pole female connector (platform side).
LCCB10C	Shielded 6-pole cable for connection to weight indicator, made up of 50 cm cable with quick AMP connector and 7-pole male connector (indicator side) + 10 m extension cable with 7-pole female connector (platform side).
IFKBRD	Keyboard input and third serial for connection to PC keyboard / bar code reader (to be combined with KBCBC cable with mini DIN connector) and for remote scale / weight repeater management.
KBCBC	Cable with MINI DIN connector for PC keyboard or badge/barcode reader connection (must be combined with IFKBRD serial interface).
PRNSERV	Custom-made printouts at our premises, for OBTPR/OBMMC/OBMDP/TM295/LX300 printers. NET PRICE
APRNSERV	Custom-made printouts at our premises, for LP542S/SMTPLUS labellers; includes the formatting of up to 4 print formats from those available with the software (print, totalisation, article total, partial total, etc...). NET PRICE. For complex formatings (like the logo insertion, barcode, etc...) the cost will be upon price estimate.
TECSUP	Technical assistance by telephone or at our premises for instrument configuration and printout formatting. NET HOURLY PRICE.

Accessories

Code	Description
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TKDC1	Painted steel cart for KDC system with second TMN/TQN platform, printer and/or labeller.
TKDC2	Painted steel cart for KDC system with second TLN/TXN platform, printer and/or labeller.
TSNC	Indicator support stand in painted steel, h= 230 mm, for mounting attached to 230x330 mm platforms.
TTNC	Indicator support stand in painted steel, h= 360 mm, for mounting attached to 330x330 mm platforms.
LP542S	Thermal labeller with peel-off system, with 1,5 m RS232 cable for connection to weight indicator, external 100/240 Vac power adapter.
SMTPLUS	Professional industrial labeller with thermal or direct transfer, with 1,5 m RS232 cable for connection to weight indicator, internal 100/240 Vac power adapter.
PCKBRD	Extended PC keyboard connectable to the indicator through the keyboard input (fitted in the "Enterprise" indicators or with IFKBRD option on the other model) and cable with mini DIN connector (optional).
UKPLUG	Power adapter from Schuko to BS1363.
TECMAN	Printed technical manual (free, if downloaded from the web). NET PRICE.
UMAN	Printed user manual (free, if downloaded from the web and available in the CD, fitted with the product). NET PRICE.

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