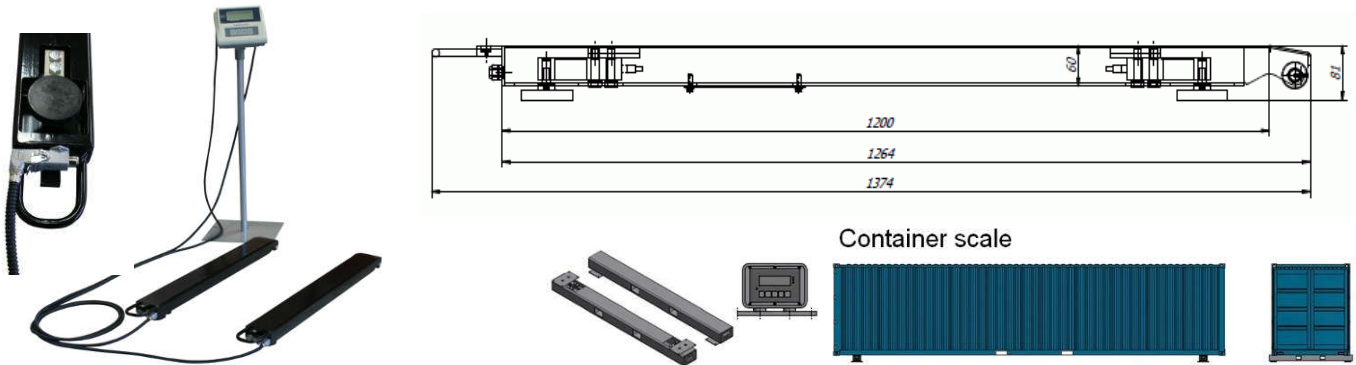


**KPZ 1B | Beam scale | Capacity : up to 50.000kg**  
**Solid, heavy duty design Pallet scale for strong industrial use**



Type	Capacity kg	Div.g	Indicator	Dim. /mm	possible	€/pcs	Art-Nr.
KPZ 1BSM	1500/3000	500/1000	KPZ 52-18	85 x 800	No	405	1BSM00083000
KPZ 1BSE	1500 kg	500 g	KPZ 52E-8	85 x 800	Yes	505	1BS00008150E
KPZ 1BS	1500 kg	500 g	KPZ 52-18	85 x 800	No	405	1BS000081500
KPZ 1BSE	3000 kg	1000 g	KPZ 52E-8	85 x 800	Yes	505	1BS00008300E
KPZ 1BS	3000 kg	1000 g	KPZ 52-18	85 x 800	No	405	1BS000083000
KPZ 1BSM	1500/3000	500/1000	KPZ 52-18	85 x 1000	No	405	1BSM00103000
KPZ 1BSE	1500 kg	500 g	KPZ 52E-8	85 x 1000	Yes	505	1BS00010150E
KPZ 1BS	1500 kg	500 g	KPZ 52-18	85 x 1000	No	405	1BS000101500
KPZ 1BSE	3000 kg	1000 g	KPZ 52E-8	85 x 1000	Yes	505	1BS00010300E
KPZ 1BS	3000 kg	1000 g	KPZ 52-18	85 x 1000	No	405	1BS000103000
KPZ 1BSM	1500/3000	500/1000	KPZ 52-18	85 x 1260	No	415	1BSM00123000
KPZ 1BSE	1500 kg	500 g	KPZ 52E-8	85 x 1260	Yes	515	1BS00012150E
KPZ 1BS	1500 kg	500 g	KPZ 52-18	85 x 1260	No	415	1BS000121500
KPZ 1BSE	3000 kg	1000 g	KPZ 52E-8	85 x 1260	Yes	515	1BS00012300E
KPZ 1BS	3000 kg	1000 g	KPZ 52-18	85 x 1260	No	415	1BS000123000
KPZ 1BSM	1500/3000	500/1000	KPZ 52-18	85 x 1500	No	425	1BSM00153000
KPZ 1BSE	1500 kg	500 g	KPZ 52E-8	85 x 1500	Yes	530	1BS00015150E
KPZ 1BS	1500 kg	500 g	KPZ 52-18	85 x 1500	No	425	1BS000151500
KPZ 1BSE	3000 kg	1000 g	KPZ 52E-8	85 x 1500	Yes	530	1BS00015300E
KPZ 1BS	3000 kg	1000 g	KPZ 52-18	85 x 1500	No	425	1BS000153000
KPZ 1BS	1500 kg	500 g	KPZ 52-18	85 x 2000	No	440	1BS000201500
KPZ 1BSE	1500 kg	500 g	KPZ 52E-8	85 x 2000	Yes	540	1BS00020150E

**KPZ price includes complete scale with indicator.**

Solid and stable scales series KPZ 1B. **German design and own EU production guarantees high quality.** Designed as floor scales, industrial weighing. High accuracy. Maintenance-free durable steel construction. Powder paint coated. **Construction:** Robust, maintenance-free, welded steel construction, heavy duty design for industrial use, durable black powder coat. **Load cells:** Robust, nickel-plated load cell, IP68, OIML, with a high overload capacity. **Levelling feet.** **Installation:** Adjustable leveling feet, designed for permanent or portable installations, 5m cable to connect digital indicator. **Options:** Base anchors, Wall mounting for indicator, Indicator stand, Custom sizes and capacities. **Standard indicator:** KPZ 52-18, **For approved applications:** KPZ 52E-8, **Options for indicators:** Multi range, RS 232 serial interface, Various printers connection, Radio data transfer, WLAN, etc. **Approvals:** OIML class III , CE conform. **Power Supply :** 230 V mains, Power cord.

... please contact us for special requests!

**German design and own EU production guarantees high quality.**

**Weights & measures | powder coating | good value for money | solid**

**Special models are our speciality!**



## KPZ 1BSX | Beam scale

**Solid Pallet scale for industrial use | Capacity : up to 2.000kg**



**Inexpensive version**

Fixing Clamps for fixed attachment to the beam. Available in a set of 4 or 6 pieces.

Type	Capacity kg	Division g	Indicator	Dim. mm	Possible	€/pcs	Art-Nr.
KPZ 1BSXM	1000/2000	500/1000	without	85 x 1000	Yes	On Request	1BXM00102000
KPZ 1BSXM	1000/2000	500/1000	without	85 x 1200	Yes	On Request	1BXM00122000
KPZ 1BSXM	1000/2000	500/1000	without	85 x 1500	Yes	On Request	1BXM00152000
KPZ 1BSXM	1000/2000	500/1000	KPZ 52-18	85 x 1000	No	335	1BSXM0102000
KPZ 1BSXE	1500 kg	500 g	KPZ 52E-8	85 x 1000	Yes	435	1BSX0010150E
KPZ 1BSX	1500 kg	500 g	KPZ 52-18	85 x 1000	No	335	1BSX00101500
KPZ 1BSXE	2000 kg	1000 g	KPZ 52E-8	85 x 1000	Yes	435	1BSX0010200E
KPZ 1BSX	2000 kg	1000 g	KPZ 52-18	85 x 1000	No	335	1BSX00102000
KPZ 1BSXM	1000/2000	500/1000	KPZ 52-18	85 x 1200	No	340	1BSXM0122000
KPZ 1BSXE	1500 kg	500 g	KPZ 52E-8	85 x 1200	Yes	445	1BSX0012150E
KPZ 1BSX	1500 kg	500 g	KPZ 52-18	85 x 1200	No	340	1BSX00121500
KPZ 1BSXE	2000 kg	1000 g	KPZ 52E-8	85 x 1200	Yes	445	1BSX0012200E
KPZ 1BSX	2000 kg	1000 g	KPZ 52-18	85 x 1200	No	340	1BSX00122000
KPZ 1BSXM	1000/2000	500/1000	KPZ 52-18	85 x 1500	No	350	1BSXM0152000
KPZ 1BSXE	1500 kg	500 g	KPZ 52E-8	85 x 1500	Yes	450	1BSX0015150E
KPZ 1BSX	1500 kg	500 g	KPZ 52-18	85 x 1500	No	350	1BSX00151500
KPZ 1BSXE	2000 kg	1000 g	KPZ 52E-8	85 x 1500	Yes	450	1BSX0015200E
KPZ 1BSX	2000 kg	1000 g	KPZ 52-18	85 x 1500	No	350	1BSX00152000
Fixing clamps for KPZ 1B for 85mm profile, 4 pieces						On Request	1B0000000100
Fixing clamps for KPZ 1B for 85mm profile, 6 pieces						On Request	1B0000000200

Solid and stable scales series KPZ 1BSX. **German design and own EU production guarantees high quality. Designed** as floor scales, industrial weighing. High accuracy. Maintenance-free durable steel construction. Powder paint coated.

**Construction:** Robust, maintenance-free, welded steel construction, heavy duty design for industrial use, durable black powder coat. **Load cells:** Robust, nickel-plated load cell, IP68, OIML, with a high overload capacity.

**Levelling feet. Installation:** Adjustable leveling feet, designed for permanent or portable installations, 5m cable to connect digital indicator. **Options:** Base anchors, Wall mounting for indicator, Indicator stand, Custom sizes and capacities

**Standard indicator:** KPZ 52-18, **For approved applications:** KPZ 52E-8, **Options for indicators:** Multi range, RS 232 serial interface, Various printers connection, Radio data transfer, WLAN, etc.. Internal battery.

**Approvals:** OIML class III , CE conform. **Power Supply** : 230 V mains, Power cord

**... please contact us for special requests!**

**Special models are our speciality!**

**German design and own EU production guarantees high quality.**



# KPZ Indicators

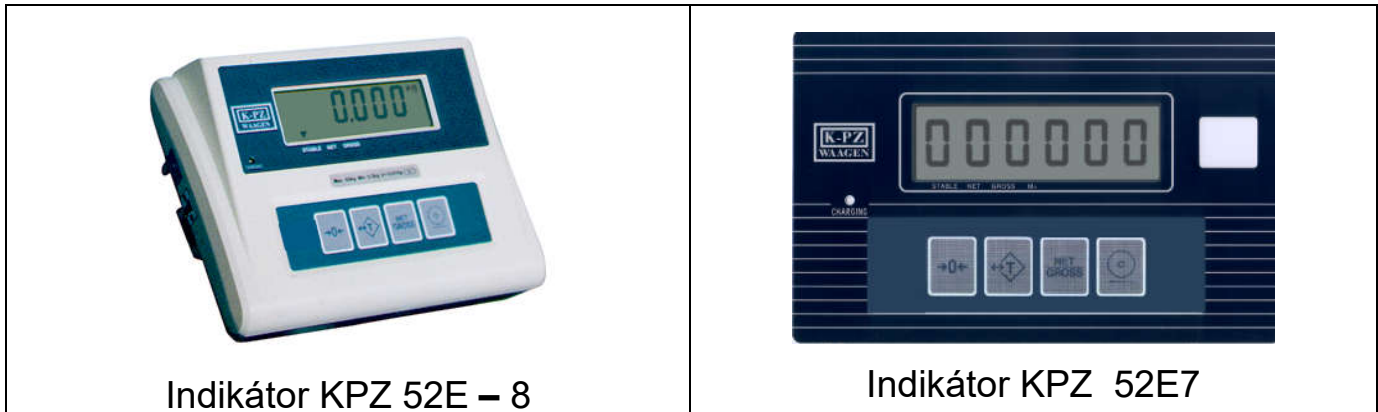
 <p>KPZ 52E-7</p> <p>Klasse III M</p>	 <p>KPZ 52E-7/1</p> <p>Klasse III M</p>	 <p>KPZ 56E-4</p> <p>Klasse III M</p>
 <p>KPZ 52E-9-1</p> <p>Klasse III M</p>	 <p>KPZ 51E-9-2</p> <p>Klasse III M</p>	 <p>KPZ 51E11 - 13</p>
 <p>KPZ 58-2</p> <p>Klasse III M</p>	 <p>KPZ 52-19</p>	 <p>Big display/second display</p>
 <p>KPZ 54E-*</p> <p>Klasse III M</p>	 <p>KPZ 54E-*</p> <p>Klasse III M</p>	

We reserve the right to make technical modifications and price changes without prior notification

3 KPZ-Váhy s.r.o. • Libošovice 76 • CZ507 44 Libošovice • GSM: 00420736622710 • Email: [zander@kpzwaagen.de](mailto:zander@kpzwaagen.de) • [www.kpzwaagen.com](http://www.kpzwaagen.com)

We reserve the right to make technical modifications and price changes without prior notification. Warranty: The parts and components are warranted for two years from the date of delivery against defects in materials and workmanship, provided proper and normal use condition, excluding batteries and chargers.

## KPZ Indikátory



Klasse  
 

Multirange division : See technical data of the scale. OIML Class



### Description KPZ 52(E) - 7

Robust external case made from ABS incorporating a water-proof front keypad with large function keys. 6- digit, 26 mm high LCD – Display with back-light function providing a clear and easily readable weight indication. Operating temperature – 10 to + 40 °C. 230 Volt-operation.

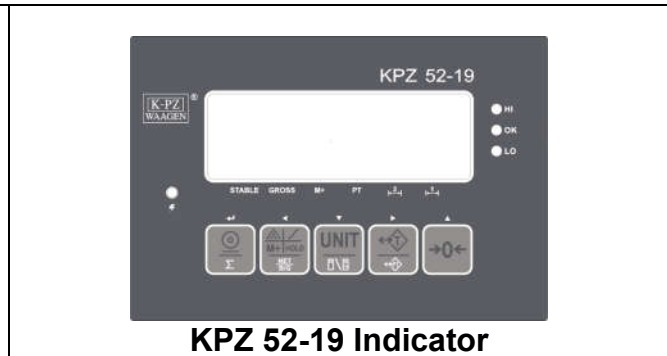
**Function** : automatic and manual Zero setting. Tare setting up to 100 %, switch Net and gross weight repeatedly. Optional RS 232 Data output and addition sum printing, minus indication, LCD back-light ( 3 settings ), audible/visible alarm/check HIGH-OK-LOW ( That means two available value of weight ), automatic selftest, Error message on display.

**LED indication for** : Zero, Tare weight, stabile, LOW Bat, power, addition memory.


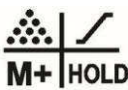





**Options:** Configurable RS 232 output, data output (different formats), Roller printer, label printer, set point (High-OK-Low),

Key	Description
ON/OFF	This key is installed on the ABS housing. This key is used to switch the indicator ON or OFF. When activated the display shows the $\rightarrow 0 \leftarrow$ signal is on.
$\rightarrow 0 \leftarrow$	If the LCD Display is not indicating <b>0.00</b> , press this key to re-zero the scale. The display indicates that the ZERO signal is now on. The unit can zero $\pm 2\%$ of the max. capacity. Using this switch do not change the range of maximal capacity.
$\leftrightarrow T$	This key is used to carry out tare and zero settings, when an existing weight is on the scale. If a TARE weight is stored, the Tare Signal will indicate over <b>Net</b> . As soon as you remove the TARE weight re-set to ZERO by the user of the scale, the display shows the weight with a minus symbol in front on the LCD display. The maximum weighing range is reduced for the tare value. Tare capability is 100% of the scale capacity, and can be used repeatedly. Multiple tare is possible. Negative weight values can be moved to <b>0.00</b> .
<u>NET</u> GROSS	This key is used to switch between net and gross weight repeatedly. The display indicate Net or $\tau$ GROSS. This $\frac{NET}{GROSS}$ key can be used only when the scale is in the tare mode. By showing the Gross value ( $\tau$ GROSS ) the other keys are closed.
	If a printer interface is installed, this key will print out ( printer version ) or transfer the weight data being displayed . The weight value is stored in the data logger. The display indicate $\tau$ M+ .To print the grand total of all printed weights the weight must be removed. The display shows $\rightarrow 0 \leftarrow$ . Then press the  key twice the total sum of the weighing results will be printed .

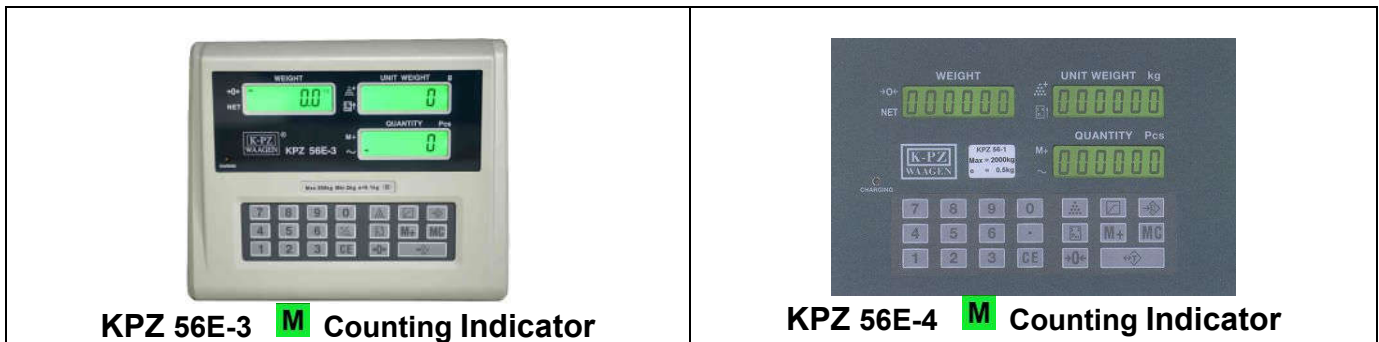
## KPZ Indicators



Robust external case including a water-proof front keypad with large function keys. 6-digit, 30 mm high LCD – Display with blue back-light function providing a clear and easily readable weight indication. Operating temperature – 10 to + 40 °C. 230 Volt-operation. Battery operation possible. **Function** : automatic and manual Zero setting. Tare setting up to 100 %, pretare function, switch Net and gross weight repeatedly. Optional RS 232 Data output and addition sum printing, minus indication, HIGH-OK-LOW function, totalizing function, automatic selftest, Error message on display. **LED indication for** : Zero, Tare weight, stable, LOW Bat, HI LOW OK. **Options**: RS 232 output, data output, Roller printer,

Key	Function	Hold for 1 sec.
	Printout / data output (Option)	Communication settings
$\Sigma$	Totalizing	
	Modus selection / Function	/
	Switching between net and gross weight (net mode)	
<b>UNIT</b>	switching units	/
	Switch between weight / unit weight (piece counting mode)	
	Tare	1. Backlight 2. Switch on zero setting 3. Gravitation value
	Pretare	
	Zero	battery voltage

## KPZ Indicators



Optimal unit weight for the piece count: 1/5 of the scale division.

This high-quality Parts Counting Indicator can be used in all types of uncertified and for trade weighing applications. Due to the high external resolution and the 20x expanded internal resolution, the unit is ideally suitable for both small and large item component counting. The expanded internal resolution of the indicator provides clear signal stability and repeatability. The 3 window highly visible LCD-Display provides the operator with clear data information. Additionally, with the robust construction of a steel housing, built-in rechargeable battery, and the simple to operate dust and waterproof front keypad, makes this part counting indicator a valuable tool for all industrial weighing & counting applications.

### Description of Keypad

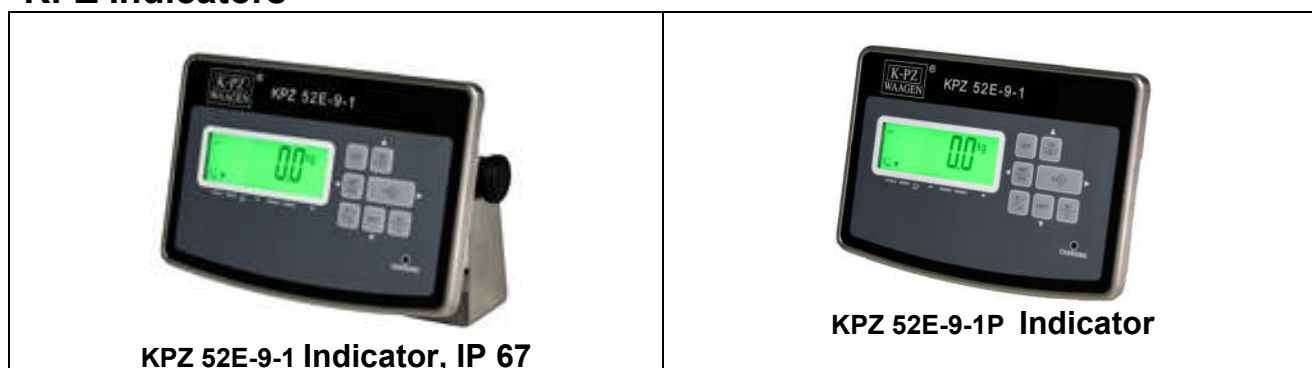
<b>0 to 9 and .</b>	Use to enter piece weight, total quantity or Tare value.
<b>CE:</b>	Deletes all value entered via the keypad.
<b>→0←</b>	1) Use this key to Zero the scale 2) Use this key by pressing twice to enter backlight options (see Backlight Function)
<b>↕</b>	Use this key to Tare the scale
<b>⬆</b>	Use this key to confirm entered quantity.
<b>⬆</b>	Use this key to confirm entered piece weight.
<b>☑</b>	Use this key to pre-set upper count limit, when the value is achieved an audible signal will be emitted.
<b>→H</b>	Use this key to save a piece weight in memory.
<b>M+</b>	Count accumulation key.
<b>MC</b>	Deletes all accumulation count in memory.

**Standard features** :Indicator: Display indication 1/30.000, internal divisions 1/600.000. Built-in calibration routine. Automatic & manual zero setting. 100% Tare. Piece Counting. The tare value and the piece weight can be weighed or entered via the front keyboard. The indicator has a 10 piece weight memory. 3 window LCD display with back-lighting option showing weight, quantity and individual piece weight. Counting accumulation. Audible peak alarm for Multi counting applications. Symbol indication shown at display for : Power re-charging control, LO-BAT. Zero, Tare, Stable, Memory, Piece number, Piece weight.

### Options :

Factory configured serial interface (RS 232). With this interface in addition to date, weight & count information, two additional 15 character line entries can be included ( for example Item number, operator number etc.) Printing from this interface via a single tally roll printer or label printer which will print all data in a numerical format, or in a range of standard **Barcodes**.

## KPZ Indicators



KPZ 52E-9-1 Indicator, IP 67

KPZ 52E-9-1P Indicator

OIML trade approved Class III **M**, 10.000 e

**Technical data:** Indicator: **KPZ 52E-9-1** robust, stainless steel housing **IP 67**, user-friendly, large function keys. LCD display: 6 digit, various symbols, backlight, high of digits 25 mm. Operating temperature from  $-10^{\circ}\text{C}$  up to  $+40^{\circ}\text{C}$ , operation 230 Volt through external power supply, inbuilt battery (possibility of battery operation).

**Functions:** automatic and manual zero setting, switch Net/Gross weight, 100% tare, multiple tare, unit switching, simple piece counting by reference no. 10, 20, 50, 100 i 200. Possibility to enter data and bring out data through serial interface (optional): computer functional control, possibility of choosing different exit formats, **printout in simple format**, edition activation: via computer, continuously or after zero come back. Minus indication, LCD backlight, automatic shut off after 0-9 minutes, pre-set value control or limit value control LOW – OK - HIGH (any two weight values to choose, tone or light signal), electronic stabilization filter and signal distortion, automatic self test, error messages.

**Indication:** zero setting, gross, net, stability, LOW-Bat indication, pre-set/limit value, too small piece quantity or too small weight. **LED:** charging status. **Options:** serial interface RS 232, battery, label printer

### Key functions:

Key	Description
<b>ON</b>	<i>switch the indicator ON</i>
<b>→0←</b>	<i>Switch the indicating to 0.00</i>
<b>OFF</b>	<i>switch the indicator OFF</i>
<b>↔T</b>	<i>TARE function</i>
<b>NET GROSS</b>	<i>Switch over Net / Gross Tare, repeatedly</i>
<b>UNITS</b>	<i>Switch over weighing units</i>
<b>F/HR</b>	<i>In approval version: High resolution indication ( 5 sec)</i>
<b>M+</b>	<i>Totalizing and printout/ data output</i>

Robust external case including a water-proof front keypad with large function keys. 6-digit, 30 mm high LCD – Display with blue back-light function providing a clear and easily readable weight indication. Operating

## KPZ 54-\* / Touch screen indicator



- Touch Operating System for user friendly and fastest operations.
- Multi-printer selectable
- Custom printout options,
- Multi -language support
- Report management.
- PC keyboard and Mouse can be connected
- Software upgrade option.
- 9999 products possible to store in memory.
- designed for multiple use, such as Weighing, Target, Counting, Check weighing and Recipe operations.
- 2xUSB port, 1xRS232, optional more ports possible
- 7' or 8' display possible
- Robust ABS or stainless steel housing possible
- Dual scale option ( extra charge) possibility





## KPZ 51E-45K

## IP69K

AISI 304 stainless steel weight Indicator (dimensions: 206x286x108 mm) with 6 PG9 cable glands, **IP69K protection rating**, stainless steel adjustable bracket included (overall dimensions with bracket: 206x290x187 mm). Optionals: panel / desk / column mounting. Six-key membrane keyboard with buzzer. Real-time clock with buffer battery.

Weight reading by another instrument via serial port.

Two serial ports (RS232 and RS485) for connection to:

- PC/PLC up to 32 instruments (max 99 with line repeaters) by ASCII protocol or ModBus RTU.
- Remote display.
- Printer.

- Optional integrated output: Profibus DP, DeviceNet, CANopen, Profinet IO, Ethernet/IP, Ethernet TCP/IP, Modbus/TCP.

### Main functions:

- 5 setpoints (4 setpoints if Analog Output is present) configurable as normally open or normally closed. The operator can decide the setpoints activation for the net weight value, gross weight value, otherwise for positive weights or for positive and negative weights.
- Counting.
- Totalizing.
- Setting of hysteresis value for each setpoint.
- 12 groups selection by 5 setpoint from selector switch or contacts (EC/E options).
- Peak holder displaying by closing the Peak contact.
- Net/Gross function by keyboard or external contact.
- Manual adjustment of zero value in case of zero-setting not possible.
- Auto zero function.
- Auto zero-tracking function.
- Print of the weight via keyboard or external contact with date and time.

**Operation:** The inputs can work as: net/gross weight, zero-setting, peak, print or can be remotely read via protocol.

The outputs can work as setpoints or can be remotely switched via protocol.

Weight transmitter approved OIML R61 (Automatic Gravimetric Filling Instruments) according to WELMEC Guide 8.8:2011 (MID).

approvable EN45501-2014/31/UE-OIML R76:2006

- Maximum number of verification scale intervals n=10000
- Minimum input-voltage per VSI 0.2 µV
- Weighing range single range or multi range (max 3) or multi interval (max 3)
- Calibration via keyboard is protected through seals for the access to a setting jumper or installer password
- Semi-automatic zero and tare, predetermined tare functions.
- Weight subdivisions displaying (1/10 e)
- The following values can be printed from external contact: net/gross weight; tare; predetermined tare; date; time; ID code (if alibi memory is present)



## KPZ 51E-41 indicator

### Characteristics:

Software: Base

- Zeroing
- Tare
- Hand tare
- Gross / Net switching
- simple piece counting
- Add function
- automatic zeroing function

### Function (Optional):

- Print function including date and time, external button
- I / O inputs as net / gross switching, zeroing, peak value, printout
- I / O outputs as set point function
- Communication protocol via serial interface
- 5 set points (4 set points if analogue output is available) Configurable as open or normally closed. The set points can be set as net weight, gross weight, for positive or for positive and negative weights.
- Setting the hysteresis value for each set point.

### Option (extra charge):

- Wall mounting
- Stand
- Battery
- Alibi memory
- Analog output
- I/O's, relay output
- Printer
- Serial interface RS232 and RS485
- Remote display
- Profibus, Ethernet TCP/IP, Modbus, CANopen, DeviceNet.

### Power supply:

- Mains 110-240VAC, 3m long cable

### Technical Data:

- LCD display, backlit (6 digit 20mm high, semi alphanumeric)
- 16 icon displays
- Robust ABS housing IP67
- Temperature range: -10 ° C to 40 ° C
- dim. 122x226x164mm
- EU type approval Class III to 10,000e

**Big display ( second display ), can be combined with all KPZ Indicator**

**Model : KPZ GD 1-1**

**150057052000 Large display KPZ GD1-1, 6-digit, 127 mm LED dot matrix, with 5m connection cable and interface for connection to the display KPZ 52 (E) - \***

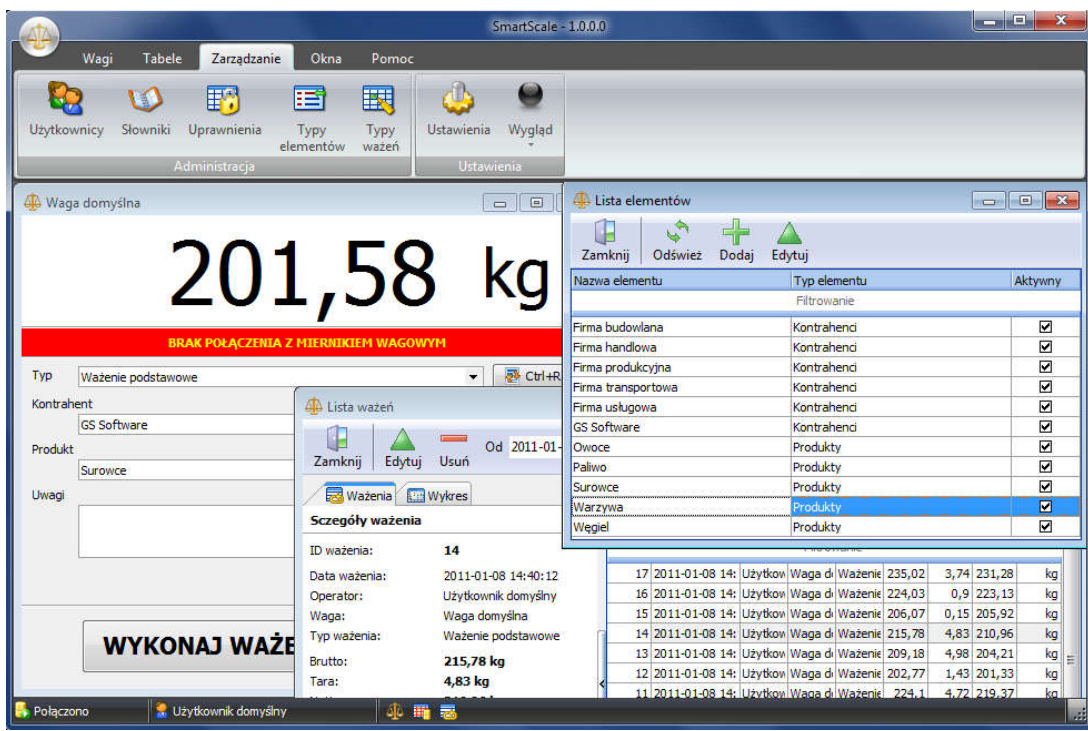
**Model : KPZ GD 2**

**150057062000 Großanzeige KPZ GD2-1 6-stellig, 76 mm LED's dot Matrix, mit 5m Anschlußkabel und Interface zum Anschluß an die Anzeige KPZ 52 (E)-\***



# PC Software K-PZ Smart Scale

Software K-PZ Smart Scale is a modern software specially designed to manage weighing data. A custom function selection is possible depending on different stages of development. Moreover, it is possible to customize software according to customer requirements. It provides an extremely user-friendly interface and easy of operation. Software used to manage weighing data, transmitted via the interface of the scale. It saves time and transmission errors that may occur by manual data input.



View of the main window

Depending on the configuration following option possible :

- Adjustment of customer-specific data
- Admin data managing
- User managing
- Export to TXT, CSV, RTF, JPG, XLS file
- Print out
- Label printing

Software comes with a USB flash drive activation key.

## system Requirements:

Minimum requirements:

- hardware – Processor Intel Pentium 4, 512 MB RAM, 100 MB of the hard drive free;
- software: Windows 2000 (SP4), XP (SP2), Vista, Win7

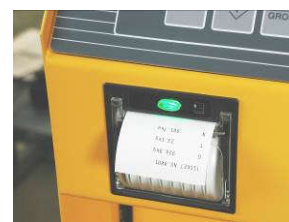
Depending on version of KPZ Smart Scale , the following functionality is possible:

Function	Programm version		
	Standard	Professional	Premium
Facility to connect only one scale indicator	X		
Facility to connect any number of indicators the same time		X	X
Handling any model of KPZ indicator	X	X	X
Access to weighing list data window	X	X	X
Export weighing list data to the .TXT or .CSV file	X	X	X
Export weighing list data to the .XLS file (installation of MS Excel not necessary)		X	X
Weighing list data overview on the chart	X	X	X
Save the chart (weighing list data) as a picture	X	X	X
Weighing search	X	X	X
Weighing ticket preview	X	X	X
Save weighing ticket as PDF file	X	X	X
Edit data assigned to the weighing	X	X	X
History of weighing changes preview			X
Access to the Report Generator		X	X
Generating report to any data		X	X
Save the report as .PDF file		X	X
Export report data to .RTF, .CSV, .JPEG, XLS file (installation of MS Excel is necessary)		X	X
Export report data to . XLS file (installation of MS Excel not necessary)			X
Using programm as default user (with out Log in-Panel)	X		
Using programm as defined User or Admin		X	X
User Authorization Management			X
Facility to perform weighing without additional data	X	X	X
Facility to perform weighing with additional data: contractor, product, comments,	X	X	X
Facility to perform weighing with additional data: contractor, product, comments, + 2 additional dictionaries, + 2 additional text fields		X	X
Facility to perform weighting with any data type. Possibility to build any data structure.			X
Access to the window allowing to create dictionaries in a database			X
Network version		X	X
Print out as graphic or text mode	X	X	X
Facility to print out the logo on the ticket weighting (graphic mode)	X	X	X
Facility to create license data ( one set only)	X		
Facility to create any number of license data set		X	X
Virtual Scales mechanism (planned)		X	X
Label ticket operation (planned)		X	X
Multi-language	X	X	X

## Printers for KPZ scales

More printers and options on request!

<b>Thermal printer Favorit 24</b>	
Dimensions	85 x 85,5 mm ( B x H )
Own weight	150 g
Power supply	Scale's battery
Interface	serial RS232
Version	Thermo-Direkt-Drucker, 203 dpi,
Paper	Paper width: 57 mm



<b>Ticket printer DR 2</b>	
Dimensions	93x173x190 mm (B x H x T)
Own weight	1,2 kg
Power supply	230 VAC / 20 V DC 2,5 A
Interface	serial RS232, Parallel
Version	Thermo-Direkt-Drucker, 203 dpi,
Paper	Etiquette width : max 61mm



<b>Ticket printer DR 6</b>	
Dimensions	ca. 109 x 171 x 209 mm (B x H x T)
Own weight	ca. 1,2 kg
Power supply	100-240 VAC / 24 VDC 2,1 A
Interface	seriell RS232, Parallel
Version	Thermo-Direkt-Drucker, 203 dpi,
Paper	Etiquette width: 15-60mm



<b>Thermal printer Favorit</b>	
Dimensions	85 x 85,5 mm ( B x H )
Own weight	150 g
Power supply	Scale's battery
Interface	serial RS232
Version	Thermo-Direkt-Drucker, 203 dpi,
Paper	Paper width: 57 mm



<b>Rollerprinter DR 7</b>	
Dimensions	110 x 125 x 70 mm (B x H x T)
Own weight	600 g
Power supply	230 VAC / 9 V DC 3,2 A
Interface	RS232, USB
Version	Thermo-Direkt
Paper	Papierbreite: 58mm, 20m, Ø40mm



<b>Rollerprinter DR 7</b>	
Dimensions	160 x 139 x 248 mm (B x H x T)
Own weight	2,3 kg
Power supply	230 VAC / 20 V DC 2,5 A
Interface	serial RS232, Parallel
Version	9- Needle printer, alphanumerischer Ausdruck
Paper	Paper width: 76 , 69,5 or 57,5 mm max. 40 digits on column



K-PZ Waagen  
Kanalsteck 9  
21129 Hamburg  
Tel. 040 / 742174-0  
Fax 040 / 742174-99  
TICKET NO. 1  
Art.-Nr.: 123456  
PCS 40  
APW 100 g  
G 5.001 kg  
T 1.000 kg  
N 4.001 kg



**KPZ 719SJDR**  
Exemplary formats  
Indikátor KPZ 52 19



TICKET NO.0001  
GS 124.5 kg  
TR 20.0 kg  
NT 104.5 kg

TICKET NO.0002  
GS 124.0 kg  
TR 20.0 kg  
NT 104.0 kg

TOTAL NUMBER  
OF TICKETS 0002  
TOTAL WEIGHT  
248.5 kg

**Indicator KPZ 5218**



23/08/2016, 16:42:45

TICKET NO.0001  
G 2.0kg  
T 0.0kg  
N 2.0kg

23/08/2016, 16:43:01

TICKET NO.0002  
G 5.6kg  
T 0.0kg  
N 5.6kg

23/08/2016, 16:43:13

TOTAL NUMBER  
OF TICKETS 0002  
TOTAL  
NET 7.6kg

## KPZ printers

Exemplary formats / Indicator KPZ 52(E) – 7 / Indicator KPZ 52(E) - 8

Examples are standard formats to printers KPZ. Possibility computer formats. Possibility of formats on customer request!

Exemplary print out Simple format 3	
S/N	WT/kg
0001	100,0
0002	200,0
0003	300,0
0003	600,0

Exemplary print out Complete format 4	
TICKET NO.0001	
G	100,0g
T	0,0g
N	100,0g
TICKET NO.0002	
G	200,0g
T	0,0g
N	200,0g
TICKET NO.0003	
G	300,0g
T	0,0g
N	300,0g
TOTAL NUMBER OF TICKETS	0003
TOTAL NET	600,0g

G = Gross  
T = Tare  
N = Netto

Exemplary print out Stable format 5	
S/N	WT/kg
0001	100,0
0002	200,0
0003	300,0
0003	600,0



## KPZ printers

### Exemplary formats / Indicator KPZ 56-3/ KPZ 56-4 / KPZ 2-04-7 scale

Examples are the standard formats. Other formats are possible on request.

Example - format 1:

20.000	kg
7.975	kg
12.125	kg
13.380	kg

Example - format 2:

Ticket NO.	1	
Q'TY	40	PCS
APW	100	g
G/B	5.000	kg
T	1.000	kg
N	4.000	kg

Ticket NO.	2	
Q'TY	290	PCS
APW	100	g
G/B	30.000	kg
T	1.000	kg
N	29.000	kg

TOTAL TICKETS:	2
TOTAL Q'TY:	330 PCS

Example - format 3:

Date:	03-03-00	
Time:	09:04:43	
ID#:	123456789012345	
Part#:	543210987654321	
Ticket NO.	1	
Q'TY	40	PCS
APW	100	g
G/B	5.000	kg
T	1.000	kg
N	4.000	kg

Date:	03-03-00	
Time:	09:04:43	
ID#:	123456789012345	
Part#:	543210987654321	
Ticket NO.	2	
Q'TY	290	PCS
APW	100	g
G/B	30.000	kg
T	1.000	kg
N	29.000	kg

TOTAL TICKETS:	2
TOTAL Q'TY:	330 PCS

Example - format 4:

S/N	WT/kg	PCS
1.	20.000	3333
2.	20.000	3333
3.	8.000	1333
3/	TOTAL	Q'TY:
	7999	PCS

Example - format 5:

Date:	03-03-00	
Time:	09:04:43	
ID#:	123456789012345	
Part#:	543210987654321	
S/N	WT/kg	PCS
1.	20.000	3333
2.	20.000	3333
3.	8.000	1333
3/	TOTAL	Q'TY:
	7999	PCS

## Printing formats

**Indicator** KPZ 56E-3 / KPZ 56E-4

**Scale** KPZ 2-04E-7

inkl. PT and Addition

**Indicator** KPZ 51E-9-2

### standard format

NO.	1
G	276.7 kg
T	104.5 kg
PT	22.2 kg
N	150.0 kg
U/W	12 kg
PCS	13 pcs

NO.	2
G	176.7 kg
T	104.5 kg
PT	22.2 kg
N	50.0 kg
U/W	12 kg
PCS	4 pcs

=====	
T/N	2
T/W	200.0 kg
T/A	17 pcs

PT = Pretare

U/W = Unit Weight  
PCS = Quantity

T/N = Total weighings  
T/W= Total Netto weight  
T/A= Total quantity

### Example - format 1:

DATE:	03/03/2000
TIME:	09:04:43
TICKET NO.	01
NET:	+ 4.500 kg
GROSS:	+ 6.000 kg
TARE:	+ 1.000 kg
PRETARE:	+ 0.500 kg

DATE:	03/03/2000
TIME:	09:04:55
TICKET NO.	02
NET:	+ 5.500 kg
GROSS:	+ 6.000 kg
TARE:	+ 0.000 kg
PRETARE:	+ 0.500 kg

DATE:	03/03/2000
TIME:	09:05:35
TOTAL NO.	02
TOTAL NET:	+ 5.500 kg



KPZ 2-11-3



KPZ 2-02-4



KPZ 2-03-10 IP 65



KPZ 2-04-7



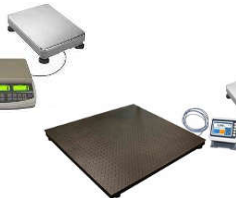
KPZ 2E-06S



KPZ 2114



KPZ 2082 Dual counting System



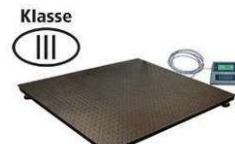
KPZ 1



KPZ 1 B



KPZ 2B



KPZ 2S



KPZ 2ECO



Low Construction Scale



KPZ 2D



KPZ 71-\*



**Stainless Steel DIN 1.4301, extrem solid and stable construction, IP 67, 68 and 69K**



KPZ 72



KPZ 73B



KPZ 73SDJ



KPZ 73



KPZ 74



KPZ 70 weighing Forks



KPZ 39  
 Hydraulic Forklift scale



Crane scale



Coil Scale



Animal scale



Silo weighing






KPZ PC Software



**Special models are our speciality!**

## Mobile KPZ scales



KPZ 71-7     
Many Option possible



Option KPZ 71-7



KPZ 71-8   
2.200kg / 200g



KPZ 71-9  
2.200kg / 500g




KPZ 72 




KPZ 72, 2400mm, 3200kg




KPZ 73 




KPZ 73 SDJ 



KPZ 73 B 



KPZ 74 



Weighing forks Forklift truck scale



KPZ 39  
Electronic – Hydraulic version



Touch sreen Indicator 7-Zoll



Scale for Coil's



German design and own EU production guarantees high quality.

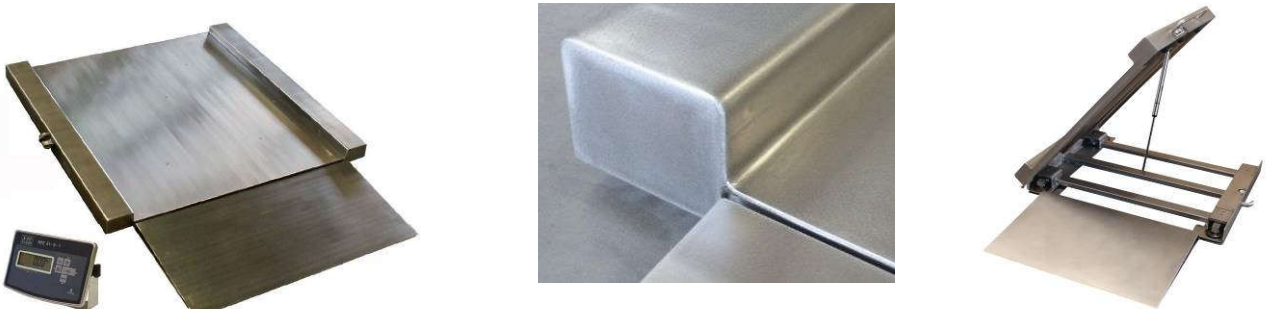
**Stainless steel Material : DIN 1.4301 / 1.4541 / 1.4404**

**KPZ-Waagen, Stainless steel scale and Indicator, IP 67/68/69K**



**Platform Scale KPZ 2N, Stainless steel, IP 67/68/69 K**

**Stainless steel Material : DIN 1.4301 / 1.4541 / 1.4404**



**Low construction scale KPZ 2DN**

**Plain, top plate of platform made of one piece. IP 67/68/69K**

**Stainless steel Material : DIN 1.4301 / 1.4541 / 1.4404**



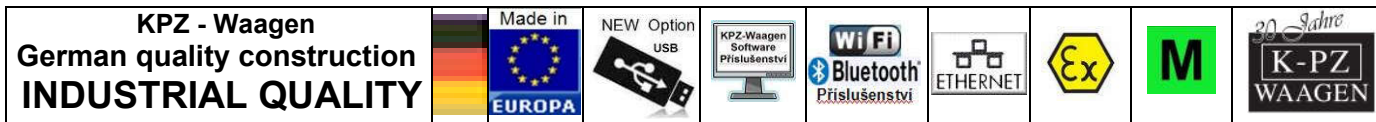
**Pallet weigher Type: KPZ 71-7N  
stainless steel DIN 1.430, IP 67/68/69K**



**Pallet scale KPZ 1N, IP 67/68/69K  
Stainless steel - Material 1.4301**



**Bench Scale KPZ 2E-06, stainless steel DIN 1.430, IP 67/68, IP 69K  
German design and own EU production guarantees high quality.**



200201 00 BR UK €



**KPZ - Váhy, s. r. o.**

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