

KPZ-Waagen Stainless steel scale Program

German design and own EU production guarantees high quality.

Stainless steel Material : DIN 1.4301 / 1.4541 / 1.4404

IP 67/68 + IP 69K



KPZ 1N/
IP67/68 / IP 69K



KPZ 717 N
IP67/68 / IP 69K



KPZ 2E06N /
váha IP67/68 / IP 69K



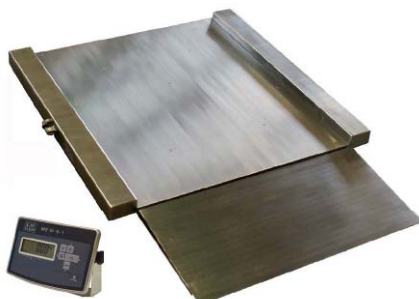
KPZ 2N / IP67/68 / IP 69K



KPZ 2N /
IP67/68 / IP 69K



KPZ 2NE065 / IP67/68 / IP 69K



KPZ 2DN / IP67/68 / IP 69K




KPZ 2DN / IP67/68 / IP 69K
Váživost: až 3.000kg




KPZ 2E-07-2N M
Wall folding scale
Stainless steel, DIN 1.4301 /
IP67/68
and IP 69K



KPZ 52E91 




KPZ 5E92 



KPZ 51E-45K, IP 69 K




KPZ 54E-* 

KPZ 1N / Pallet scales

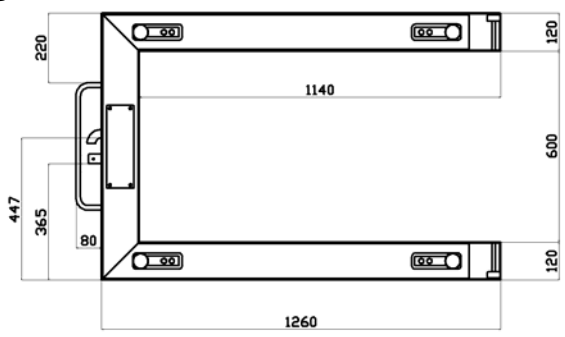
Stainless steel, DIN 1.4301 / IP67/68 and IP 69K

Solid Pallet scales for industrial use

USA Version Page 3



IP 69 K



M

Indicator KPZ 52E-9-1, Stainless steel housing IP 67, 6 digit 25 mm high LCD-Display, with backlight function, large function keys. Pre-set / limit value control, simple piece counting

EC approved class ^{CLASS} III up to 10.000 e

Solid and stable platform scales series **KPZ 1N, IP 67**. German design and own EU production guarantees high quality. Designed as floor scales, for **food and Chemical** industrial weighing. High accuracy. Maintenance-free durable **Stainless steel (DIN 1.4301)** construction. High quality polishing standard.

Construction: Robust, maintenance-free, welded steel construction, heavy duty design for **food and chemical** industrial use, **Stainless steel** weighing platform, Maintenance-free durable **Stainless steel (DIN 1.4301)**

Load cells: Robust, **stainless steel load cell**, IP68, OIML, with a high overload capacity.

Installation: Adjustable leveling feet, designed for permanent or portable installations, 5m cable to connect digital indicator.

Options: Extra ramps, Base anchors, Wall mounting for indicator, Indicator stand, Custom sizes and capacities

Standard indicator: **KPZ 52E91**
For approved applications: **KPZ 52E91**

Options for indicators:
 Multi range,
 RS 232 serial interface,
 Various printers connection,
 Radio data transfer,
 WLAN, etc..
 Internal battery

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

Special requirements for unique loading - please contact us for more information!

Other capacity, division, option and dimension on request.

Typ	Capacity	Div.	Dim. mm.	Approval possibility	Indicator	PLN/pc.	Art.-No
KPZ 1ENM	600/1500 kg	200/500 g	840 x 1260	Ano M	KPZ 52E91/IP67	On Request	1NM000000150E
KPZ 1EN	600 kg	200 g	840 x 1260	Ano M	KPZ 52E91/IP67	On Request	1N0000000060E
KPZ 1EN	1500 kg	500 g	840 x 1260	Ano M	KPZ 52E91/IP67	On Request	1N00000000150E
KPZ 1EN	2000 kg	1000 g	840 x 1260	Ano M	KPZ 52E91/IP67	On Request	1N00000000200E
KPZ 1NM	1500/2000 kg	500/1000 g	840 x 1260	Ne	KPZ 52E91/IP67	On Request	1NM0000002000
KPZ 1EN	3000 kg	1000 g	840 x 1260	Ano M	KPZ 52E91/IP67	On Request	1N00000000300E
KPZ 1NM	1500/3000 kg	500/1000 g	840 x 1260	Ne	KPZ 52E91/IP67	On Request	1NM0000003000

Low plate and ramp 	Low plate with holders and ramp, 	Additional top plate 	Extended load-arms 	Grip, tilt and drive off 	Drive under and leave
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Construction-options	Art. nr
1.)Low plate and ramp for easy loading capacity max. 2000 lb	11001000000L
2.)Low plate with holders and ramp, special dimension capacity 5000 lb	On request
3.)Additional top plate for weighing smaller items	1N000800000L
4.)Extended load-arms for non standard pallets	1N001100000L
5.)Stand allowing easy scale transport	1N040000000L
6.)Stand allowing easy scale transport fastened to the scale	1N050000000L

USA Version

Typ	Capacity Lb / kg	Division Lb / g	Dim. Ft/mm	Approval possible	Indicator	Price \$	Article-No.
KPZ1N	2000 lb / 900 kg	0,2 lb/ 90 g	3,28 x 4,13/ 1000x1260	No	KPZ 52E91		1N000000200L
KPZ1NM	1000/2000 lb/ 450/900 kg	0,2/0,5 lb/ 90/225 g	3,28 x 4,13/ 1000x1260	YES M	KPZ 52E91		1NME0000200L
KPZ1N	5000 lb/ 2260 kg	0,5 lb/ 225 g	3,28 x 4,13/ 1000x1260	No	KPZ 52E91		1N000000500L
KPZ1NM	2500/5000 lb/ 1130/2260 kg	0,5/1 lb/ 225/450 g	3,28 x 4,13/ 1000x1260	YES M	KPZ 52E91		1NME0000500L
KPZ1N	6500 lb/2950 kg	1 lb/ 450 g	3,28 x 4,13/ 1000x1260	No	KPZ 52E91		1N000000650L
KPZ1NM	4000/6500 lb/ 1800/2950 kg	1/2 lb/ 450/900 g	3,28 x 4,13/ 1000x1260	YES M	KPZ 52E91		1NME0000650L

German quality construction
(pharmaceutical version on request)

Special models are our speciality!

Stainless Steel housing, IP 67



IP 67,
Tare up to 100 %
Automatic Zero
Net-/ Gross-/Tare-weighing
Simple counting
Zero setting ,
Alarm / check control setting,
back light LCD-Indicator,

OIML trade approved Class



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°C up to $+40^{\circ}\text{C}$, operation 230 Volt through external power supply, inbuilt battery (possibility of battery operation).

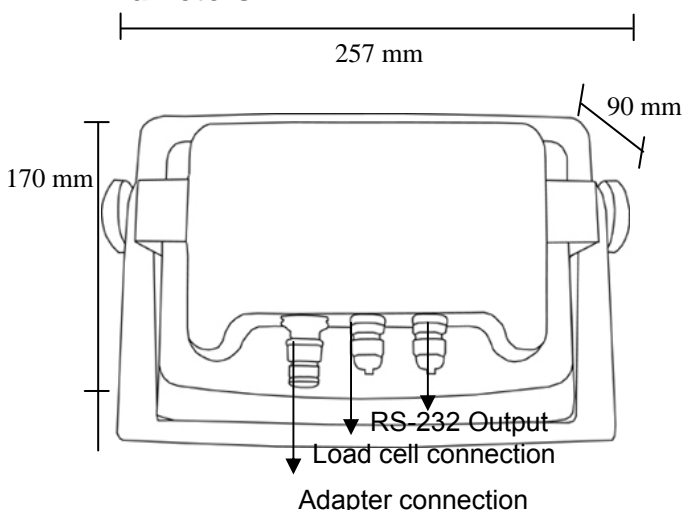
Functions: automatic and manual zero setting, switch Net/Gross weight, 100% tare, multiple tare, unit switching, simple piece counting by reference no. 10, 20, 50, 100 i 200. Possibility to enter data and bring out data through serial interface (optional): computer functional control , possibility of 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

Diameters :





Key functions:

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

(for IP 67, for RS232 and load cells use only cable diameter from 3 to 5,5 mm)

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

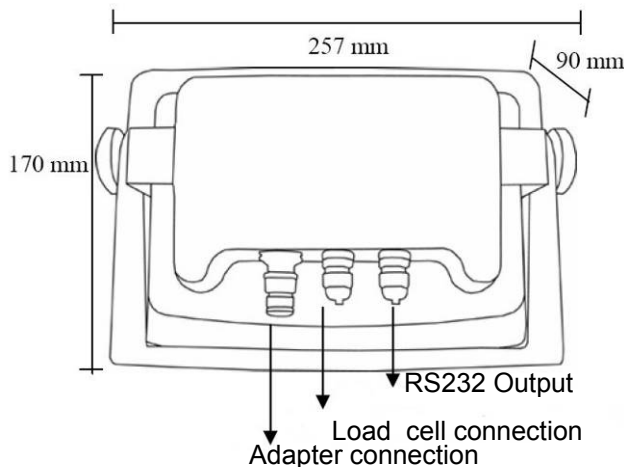


IP 67,
10 Setpoint memory
Tare setting by key,
Zero setting,
Alarm / check control setting,
back light LCD-Indicator,
Addition sum memory,
Multi range division,
 OIML Class   **10.000 e**

Keypad :



Rear view and Dimension:



(For IP 67 use only cable diameter from 3 to 5,5mm)

Short description KPZ 51 E – 9 – 2 :

Case:

Compact, robust, high-quality stainless steel case IP 67. with hanger to the wall mounting or table mounting (optional stand possible), cable connecting by cable glands.

Indication and keyboard:

6-digit 25 mm high LCD – Display with back-light function providing a clear and easily readable weight indication, and a great, illuminated, coloured joist graphic display, a membrane keypad with 16 buttons.

Symbol indication for : zero, tare, stable, LOW Bat, accumulator tension joist , check weighing HIGH-OK-LOW.

Basic functions:

automatic and manual Zero setting. Tare setting up to 100 %, Pretare, switch Net, tare and gross weight repeatedly. Target weight check tolerance with+(/), limit value control (limit = range of Low/Ok/High), 10 debit-/ limit value lofts. About parameter attitude: Percentage function, automatic switching off of backlight and electronics, interface functions and parameter.

Feature :

Multi range, selectable weighing unit, automatic zero correction, automatic shutoff 0-9 minutes, automatic. Backlight, digital stabilization and disturbance filters, measuring speed, gravitation zones, self-test function and error messages.

Energy:

internal accumulator, power supply unit of 230 VAC.

Certifications:

EU-calibrating admittance class  to 10,000 e.

Technical date:

Max . recommended external resolution 30,000 div, min . sensitiveness 0.3 µ V/d, supply voltage 5 VDC, zero input signal-1 to 5 mV, weight input signal-1 to 14 mV up to four 350 Ω load cells, linearity 0.01% F.S.,operating temperature-10 to +40° C. **ptions:** Configurable RS 232 output, data output (different formats), Roller printer, label printer, set point (High-OK-Low),

Extended functions and optional possibilities (surcharge):

Connection:

Serial interface RS232 bidirectional, data output format and mode choice, factory programmable format, date and time, relay exit for alarm/check points.

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 1-*

KPZ 2- *

KPZ 2-*



KPZ 71-*

KPZ 73-*

KPZ 72-*

KPZ 74-*



Weighing forks Forklift truck scale

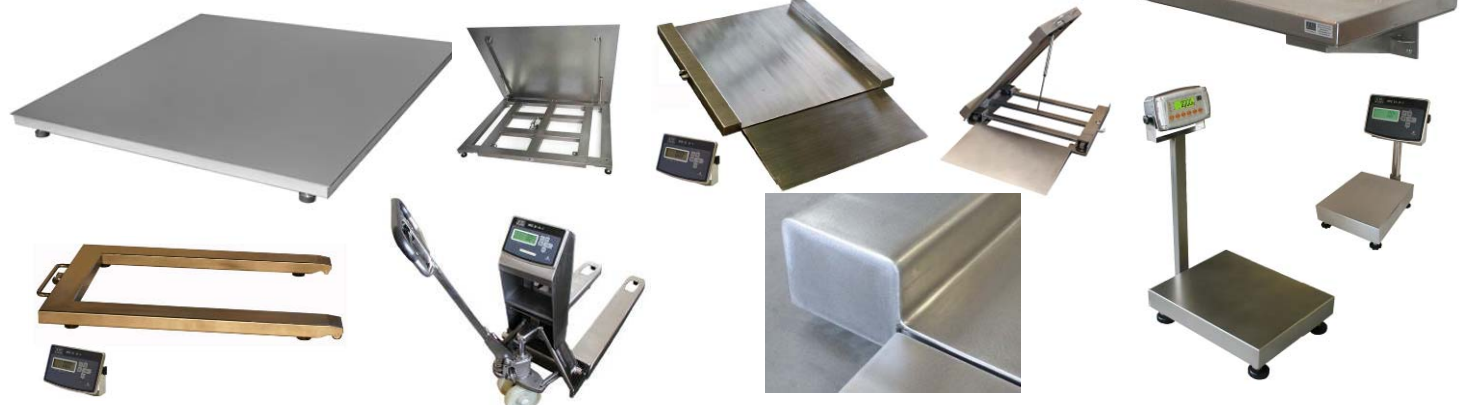


Electronic – Hydraulic version



Scale for Coil's

Stainless steel, IP 67/68/ 69K



KPZ-Waagen Indicator



KPZ 52E8

KPZ 52E8-1

KPZ 56E4

KPZ 54-1*

KPZ 52-18

KPZ 52E9-1

KPZ 52E9-2