



WEIGHING TECHNOLOGY FOR THE INDUSTRY / PLATFORM SCALES



PCE Instruments

Discover our new platform scales and their functions.



PLATFORM SCALES

PARCEL SCALES PCE-PB 150N

Stainless steel platform / up to 150 kg

The USB platform scales of the PCE-PB N series are very versatile. The functions of the USB platform scales are very extensive but one function is particularly interesting for shipping. It is the bidirectional USB interface of the platform scales that enables control by the PC. However, the USB platform scales of the PCE-PB N series can be used with the optional, inex-

pensive "ProCell" software. This software simulates keyboard input, similar to a scanner. With the help of this software, the platform scales can then transfer the weight value into active fields. Another advantage of these platform scales is the wired display. The display is supplied with a stand but it is also suitable for wall mounting.

ISO cal option

- ▶ bidirectional USB interface
- ▶ spiral cable can be extended to approx. 1.5 m / 59"
- ▶ digit height 20 mm / 0.78"
- ▶ stainless steel platform
- ▶ PEAK function (maximum value display)
- ▶ piece counting function with reference number of pieces
- ▶ multiple tare
- ▶ function for level control (drum and barrel weighing)



APPLICATION



TECHNICAL SPECIFICATIONS

Weighing range (Max)	150 kg / 330 lbs
Minimum load (Min)	150 g / 5.3 oz
Readability (d)	50 200 g / 7 oz
Weighing plate (L x W x H)	300 x 300 x 45 mm / 11 x 11 x 1.7"
Display	LCD 20 mm / 0.78 " digit height (backlit)
Display cable	90 cm/ 35 " spiral cable extendable to approx. 1.5 m / 60"
	(Plug connection on the display)
Measurement units	kg / g / lb / N (Newton)
Functions	<ul style="list-style-type: none"> - PEAK Hold function (maximum value display) - multiple tare over the full weighing range - level control (auto tare OFF function) - piece counting function (min. 1 pc) - animal weighing function - adjustable filters for fast response time - adjustable shutdown and lighting
Interface	USB bidirectional (query with Sx + CR + LF)
Working temperature	+5 ... +35 °C / 41 ... 95 °F / max. 85 % RH
Power supply	DC 9 V / 200 mA mains adaptor unit or 6 x AA 1.5V batteries
Net weight	approx. 4 kg / 8.8 lbs
Recommended calibration weight	M1 class (freely selectable)

Further model:

PCE-PB 60N	up to 60 kg
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Subject to change without notice

PLATFORM SCALES

INDUSTRIAL SCALE PCE-EP 30P1

Two-range scales 15/30 kg / high resolution

The robust inventory scales are real all-rounders. The stand of the inventory scales can be easily separated from the platform along with the tripod mount and inserted into the workbench, if required. The cable between the platform and the display has a plug attached and is about 1.6 m long. The display of the platform scales is in a stainless steel housing with protection class

IP54. The display can be placed on the workbench, on the wall, or on the stand of the platform scales. In addition to the standard functions such as counting, summing, gross / net weighing, limit weighing and the PEAK Hold function, the industrial scales have two special functions, i. e. the filter function for dynamic weighings and the container weighing function.

ISO cal option

- ▶ single-point platform scales (1 load cell)
- ▶ two-range scales 15/30 kg
- ▶ freely adjustable measuring unit kg/...
- ▶ bidirectional RS232 interface
- ▶ display with IP 54 protection
- ▶ tripod incl. removable tripod mount
- ▶ off timer (deactivated)
- ▶ hold function (freezing the weight display)



APPLICATION



TECHNICAL SPECIFICATIONS

Weighing range	max. 1 = 15 kg / max. 2 = 30 kg
Resolution	up to 15 kg = 2 g from 15 kg ... 30 kg = 5 g
Accuracy	±3 d (three times the resolution)
Platform size [P1]	400 x 500 mm
Tare function	entire weighing range
	RS-232 Bidirectional / D-SUB 9 female
	optional:
Interface	- analogue output 4-20 mA 1/1000 + - 4 potential-free outputs LO / OK / HI / Stable
Display	set as a pulse signal or continuous signal
Units	LCD with 25 mm digit height kg / lb and freely adjustable weighing unit such as kg/m
Cable length to display	ca. 160 cm / plug attached
Power supply	6 V / 4.5 Ah battery or 9 V / 1.2 A mains adaptor
(incl.)	
Power consumption	70 mA
Protection class	IP54
Working temperature	0 ... + 40 °C / 10 ... 80 % R.H.
Weight	approx. 14 kg

Further models:

PCE-EP 30P2	weighing range: 15/30 kg platform size [P2] 500 x 600 mm
PCE-EP 150P1	weighing range: 60/150 kg platform size [P1] 400 x 500 mm
PCE-EP 150P2	weighing range: 60/150 kg platform size [P2] 500 x 600 mm



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PLATFORM SCALES

WEIGHBRIDGE PCE-RS 2000

Weighbridge painted steel / platform size 1200 x 1200 mm / up to 2,000 kg

The weighbridge PCE-RS 2000 is designed for stationary use. The robust construction makes this weighbridge particularly well suited for weighing large objects. The weighbridge is made of painted steel. Weighing data can be easily read thanks to its external display (with 4 m cable). The functions of the weighbridge include a summing function, a piece counting and check

weighing function. The weighbridge is delivered with a bi-directional RS-232 interface and with an optional PC software, it can show the measured values in Excel. The indicator of the weighbridge can be placed on a table or an optional tripod.

ISO cal option

- ▶ weighing range: 2,000 kg
- ▶ resolution: 0.5 kg
- ▶ bidirectional RS-232 interface
- ▶ indicator in stainless steel housing, IP 54
- ▶ LC display with 25 mm digit height
- ▶ cable to the display about 5 m (connector)
- ▶ summing function
- ▶ piece counting function



TECHNICAL SPECIFICATIONS

Weighing range	2,000 kg
Resolution	0.5 kg
Accuracy uncertainty	±2 kg
Tare range	over the entire weighing range
Display	LCD, height 25 mm, backlit
Interfaces	1x bidirectional RS-232 interface 1x analogue output 4...20 mA optional
Calibration	input / multi-point adjustment possible
Operating temperature	-10 ... +40 °C / max. 85 % RH
Power supply	12 V / 1000 mA AC adaptor (battery not possible)
Dimensions weighing platform	1200 x 1200 x 100 mm
Weight	approx. 85 kg

APPLICATION



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PLATFORM SCALES

INVENTORY SCALES PCE-DPS 25

Inventory scales with two weighing plates

The inventory scales is a balance with two integrated weighing platforms in one measuring device. Both weighing surfaces on the precision balance have different specifications. With the large weighing surface of the precision balance, a weight of a test item of up to 25 kg / 55 lbs can be determined with a resolution of 0.5 g. With the small weighing surface of the preci-

sion balance, however, weighings of up to 1 kg / 2.2 lbs and a resolution of 0.02 g are possible. This means that this precision balance can be used to carry out an even wider range of weighings than alternative balances. In addition to the normal weighing function, the precision balance has a piece counting function.

ISO cal option

- ▶ two integrated weighing surfaces
- ▶ piece counting function
- ▶ battery and mains operation
- ▶ different interfaces
- ▶ built-in bubble level for leveling the balance
- ▶ connection of another load cell possible



APPLICATION



TECHNICAL SPECIFICATIONS

Weighing plate 1	
Measurement range	25 kg / 55 lbs
Measurement accuracy	±2 g
Resolution	0.5 g
Weighing plate dimensions	345 x 260 mm / 13.6 x 10.2 in
Weighing plate 2	
Measurement range	1 kg / 2.2 lbs
Measurement accuracy	±0.08 g
Resolution	0.02 g
Weighing plate dimensions	114 x 114 mm / 4.5 x 4.5 in
Further specification	
Interfaces	USB-A (connection to PC) SUB D9 female (connection to external measuring cell) SUB D9 male (RS232)
Power supply mains adaptor	primary: 100 ... 240V AC, 50/60 Hz, 0.5 A secondary: 12 V DC, 1 A
Built-in battery	2000 mAh
Dimensions	320 x 120 x 480 mm / 12.6 x 4.7 x 18.9 in
Operating conditions	0 ... 40 °C / 32 ... 104 °F
Weight	8.6 kg / 19 lbs



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PLATFORM SCALES

COMPACT BALANCE PCE-SCS 150

Low-cost compact balance up to 150 kg, Readability 10 g

The compact balance has a 400 x 500 mm stainless steel platform that can be removed for cleaning. Flexible use of the mobile platform scale is made possible not only by the light weight and compact dimensions, but also by the independent power supply, which is possible with the 6V4Ah rechargeable battery. If the 4 load cells of the compact balance with a weighing

capacity of 150 kg and a resolution of only 10 g require an adjustment, this can be done quickly and easily using external weights (optional) in the calibration function of the platform scale. Thanks to the key operation, the fast response time of the platform scale and the easy-to-read 20 mm LCD display, this platform scale is ideally suited for mobile and fast weighing applications.

ISO cal option

- ▶ platform size 400 x 500 mm / 15.7 x 19.7"
- ▶ shockproof plastic housing
- ▶ 20 mm LCD display
- ▶ battery operation
- ▶ automatic energy saving mode
- ▶ tare function
- ▶ weighing units kg and lb.
- ▶ flat and light construction



APPLICATION



TECHNICAL SPECIFICATIONS

Weighing range	150 kg / 330 lb
Readability	10 g / 0.35 oz
Taring range	over the full range
Settling time	adjustable
Weighing units	kg / lb
Display	20 mm / 0.78" LCD backlit
Platform size	400 x 500 mm / 15.7 x 19.7" (stainless steel)
Calibration	by external adjustment weight (optional)
Operating temperature	-10 °C ... 40 °C / 14 °F ... 104 °F
Interface	RS232
Memory	18 values
Power supply	100-240V 50 / 60Hz - 12V adapter Rechargeable battery: 6V4Ah
Battery life	130 hours
Input signal	analog 10.6 mV / V - 3 mV / V
Linearity	≤ 0.01% F.S.
Dimensions	680 x 660 x 150 mm / 26.7 x 26.0 x 5.9"
Weight	8 kg / 17.6 lb

Further models:

PCE-SCS 30	Weighing range 30 kg Platform size 300 x 400 mm Readability 2 g
PCE-SCS 60	Weighing range 60 kg Platform size 300 x 400 mm Readability 5 g



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PLATFORM SCALES

PARCEL SCALE PCE-PB 200N

Max. weighing range up to 200 kg / with external display

The parcel scale with a maximum weighing range of up to 200 kg and a weighing surface of 350 x 390 mm is the ideal measuring device for determining the weight of parcels or the contents of propane gas bottles. With an accuracy of ± 0.3 kg, the platform scale is a precise measuring device. Furthermore, the platform scale can be used for the dosing of paints. This makes the plat-

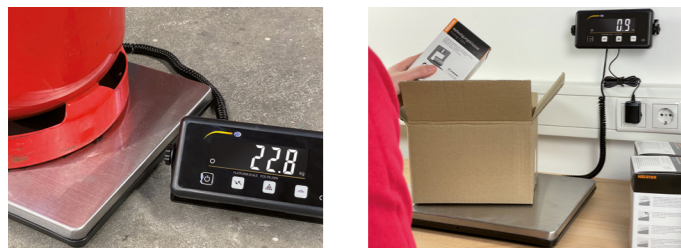
form scale a universally applicable test device in production, warehouse and logistics. In addition to the normal measuring mode, the parcel scale has a counting function. With the counting function, the platform scale determines, for example, the number of batteries in a package.

ISO cal option

- ▶ optionally with ISO calibration
- ▶ counting function
- ▶ weighing units kg, lb, oz/lb
- ▶ weighing surface of 350 x 390 mm / 13.7 x 15.3"
- ▶ wall mounting bracket for the display
- ▶ automatic shutdown when inactive



APPLICATION



TECHNICAL SPECIFICATIONS

Weighing range	200 kg / 440 lb
Resolution	0.1 kg / 3.5 oz
Accuracy	± 0.3 kg / 10.5 oz
Minimum load	0.3 kg / 10.5 oz
Further specifications	
Units	kg, lb, oz/lb
Display when the measuring range is exceeded	"O_Ld"
Display when voltage is too low	"LO"
Operating conditions	5 ... 35 °C / 41 ... 95 °F, <85% RH, non-condensing
Power supply battery	4 x 1.5 V AA batteries
Mains power supply	primary: 100 ... 240 VAC, 50/60 Hz, 0.3 A secondary: 6 VDC, 1 A
Dimensions platform	350 x 390 x 40 mm / 13.7 x 15.3 x 1.5"
Dimensions display	180 x 88 x 33 mm / 7.0 x 3.4 x 1.3"
Weight	ca. 3 kg / 6.6 lb

Further model:

PCE-PB 75N	Weighing range 75 kg / 165 lb Resolution 0.02 kg / 0.7 oz
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PLATFORM SCALES

TRADE APPROVED SCALE PCE-MS PC60-1-30X40-M

Verifiable / Trade Approved Scale / Max. capacity 60 kg

The trade approved scale is ideally suited as a mobile scale for applications that require official verification. It is conformance-assessed for the largest possible geographic area around where the platform scale is intended to be used. This conformity assessment replaces the first calibration and ensures compliance with the strict verification error limits within this zone.

The trade approved scale has a carrying handle for easy transport and there is a compartment below the weighing plate in which the spiral cable can be stowed. The 90 cm long spiral cable can be pulled up to 2.5 m. The powder-coated weighing surface measures 30 x 40 cm and is firmly attached to the base frame for safe transport.

ISO cal option

- ▶ platform size 300 x 400 mm
- ▶ weighing capacity 60 kg
- ▶ calibration value 20 g
- ▶ battery operation up to 25 hours
- ▶ tare function
- ▶ weighing units kg and lb



APPLICATION



TECHNICAL SPECIFICATIONS

Scale type	single-range scale
Weighing range [Max]	60 kg / 132 lb
Resolution [d]	20 g / 0.70 oz
Weighing unit	kg
Verification value [e]	20 g / 0.70 oz
Verification class [e]	M III
Minimum load [Min]	400g / 14.1 oz
Taring range	multiple tare over the entire weighing range, automatic and manual tare deletion possible
Weighing plate [WxD]	300 x 400 mm / 11.8 x 15.7"
Interface	USB-B bidirectional
Display	LCD, white on black
Digit size [WxH]	15 x 28 mm / 0.59 x 1.1"
Power supply	internal lead battery 6 V / 4.5 Ah / 101 x 70 x 50 mm 3.9 x 2.7 x 1.9" / 850 g / 30 oz external power supply 7.8 V / 1.2 AAC / 110 V - 230 V
Battery life	up to 25 hours (continuous operation)
Battery saving mode	yes after 30 seconds without use (can be deactivated)
Load cell	100 kg / 220 lb / IP 65
Operating temperature	-10 ... +40 °C / 14 ... 104 °F
Weight	7.2kg / 15.8 lb



Subject to change without notice



PLATFORM SCALES

PLATFORM SCALE PCE-MS PP150-1-30X40-M

Max. capacity 150 kg (330 lb) / Calibration value: 50 g / Incl. verification

The platform scale is assessed for compliance for the largest possible geographic area around the intended location of the scale. This conformity assessment for accuracy class M III replaces the first calibration. It is carried out for the location specified by the customer. The compact, calibrated platform scale is powder-coated and therefore well suited for use under harsh

conditions. A special feature is the removable, 36 cm / 14.1" high backrest made of 2 mm / 0.07" thick sheet steel, which makes it easier to weigh or fill sacks and other tipping goods. With the backrest mounted, the platform scale has a usable platform area of 30 x 36 cm / 11.8 x 14.1". Without the backrest, the usable area increases to 30 x 40 cm / 11.8 x 15.7".

ISO cal option

- ▶ platform size 300 x 400 mm
usable area with backrest 300 x 360 mm
- ▶ weighing capacity 150 kg
- ▶ calibration value 50 g
- ▶ battery operation up to 25 hours
- ▶ digit height 28 mm
- ▶ weighing units kg and lb



APPLICATION



TECHNICAL SPECIFICATIONS

Scale type	Single-range scale
Weighing range [Max]	150 kg / 330 lb
Resolution [d]	50 g / 1.7 oz
Weighing unit	kg
Calibration value [e]	50 g / 1.7 oz
Verification class [e]	M III
Minimum load [min]	1 kg / 2.2 lb
Taring range	multiple tare over the entire weighing range, automatic and manual tare deletion possible
Weighing plate [WxD]	300 x 400 mm / 11.8 x 15.7" / usable area with backrest 300 x 360 mm/ 11.8 x 14.1"
Interface	USB-B bidirectional
Display	LCD, white on black
Digit size [WxH]	15 x 28 mm / 0.59 x 1.1"
Power supply	internal lead battery 6 V / 4.5 Ah / 101 x 70 x 50 mm / 3.9 x 2.7 x 1.9" / 820 g / 28.9 oz external power supply 7.8 V / 1.2 AAC / 110 V - 230 V up to 25 hours (continuous operation)
Battery life	yes after 30 seconds without use (can be deactivated)
Battery saving mode	
Load cell	300 kg / 661 lb / IP 65
Operating temperature	-10 ... + 40 °C / 14 ... 104 °F
Weight	12.5kg / 27.5 lb
Further models:	
PCE-MS PP150-1-60x70-M	Weighing range 150 kg / 330 lb Weighing plate 600 x 700 mm
PCE-MS PP60-1-30x40 M	Weighing range 60 kg / 132 lb Weighing plate 300 x 400 mm



Subject to change without notice



PLATFORM SCALES

TRADE APPROVED SCALE PCE-MS PF150-1-45X45-M

Max. capacity 150 kg (330 lb) / Calibration value: 50 g / Incl. verification

The trade approved scale was designed for mobile use on tables. It is equipped with a display tripod that can be folded up in a few simple steps without tools. The conformity assessment, which replaces the first verification, is carried out for the largest possible geographical area around the planned installation site of the scale. The trade approved scale is operated via the inter-

nally installed rechargeable battery, which enables a service life of up to 25 hours in continuous operation. The energy-saving mode helps to significantly extend the operating time. The platform scale has a high-contrast inverted display with a digit height of 28 mm (1.1"). The display can be easily protected from dirt with the help of a practical transparent protective cover.

ISO cal option

- ▶ platform size 450 x 450 mm
- ▶ weighing capacity 150 kg
- ▶ calibration value 50 g
- ▶ multiple tare
- ▶ battery operation up to 25 hours
- ▶ digit height 28 mm
- ▶ weighing units kg and lb



APPLICATION



TECHNICAL SPECIFICATIONS

Scale type	single-range scale
Weighing range [max]	150 kg / 330 lb
Resolution [d]	50 g / 1.7 oz
Weighing unit	kg
Calibration value [e]	50 g / 1.7 oz
Verification class [e]	M III
Minimum load [min]	1 kg / 2.2 lb
Taring range	multiple tare over the entire weighing range, automatic and manual tare deletion possible
Weighing plate [WxD]	450 x 450 mm / 17.7 x 17.7" / usable area with protective bar 450 x 420 mm / 17.7 x 16.5"
Interface	USB-B bidirectional
Display	LCD, white on black
Digit size [WxH]	15 x 28 mm / 0.59 x 1.1"
Power supply	internal lead battery 6 V / 4.5 Ah / 101 x 70 x 50mm 3.9 x 2.7 x 1.9" / 850 g / 29.9 oz external power supply 7.8 V / 1.2 AAC / 110 V - 230 V up to 25 hours (continuous operation)
Battery life	yes after 30 seconds without use (can be deactivated)
Battery saving mode	
Load cell	300 kg / 661 lb / IP 65
Operating temperature	-10 ... +40 °C / 14 ... 104 °F
Weight	17.7 kg / 39 lb
Further model:	
PCE-MS PF60-1-45x45-M	Weighing range 60 kg / 132 lb Weighing plate 450 x 450 mm



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PLATFORM SCALES

WEIGHING PLATFORM PCE-PS 150XL

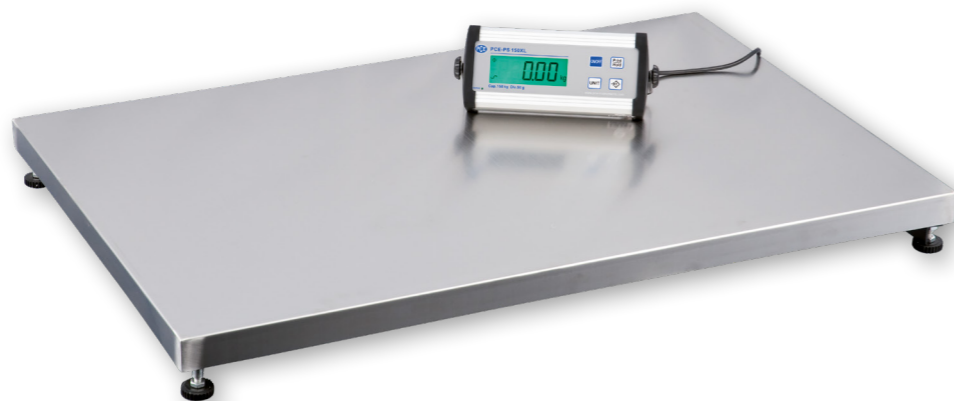
Weighing Platform 600 x 900 mm, measuring range to 150 kg

Economical and portable Weighing Platform for everyday use. The Weighing Platform has a platform size 600 x 900 x 80 mm. The weighing range of the Weighing Platform is 75 kg or 150 kg. Thanks to the flat design of the scale, the scale is often used as a bench scale with a large weighing surface. Readability of the balance is at 75 kg 20 g and at 150 kg 50 g. The display of the

balance is attached to a 1 m coiled cable. An RS-232 interface on the balance allows convenient communication between the scale and a PC or printer. The light weight of the balance and the ability to operate the scale either from the mains or with batteries, make the use of these scales very flexible. So even mobile workers can use the scales in many installation sites.

ISO cal option

- ▶ simple operation
- ▶ LCD display with 25 mm character height
- ▶ platform size 600 x 900 mm
- ▶ height only 80 mm (feet not extended)
- ▶ stainless steel platform
- ▶ HOLD function
- ▶ fast settling
- ▶ RS-232 interface



APPLICATION



TECHNICAL SPECIFICATIONS

Weighing capacity of the Weighing Platform

PCE-PS 150XL max. 150 kg

Resolution / readability of the Weighing Platform

PCE-PS 150XL 50 g

General information of the Weighing Platform

Settling time	max. 3 s
Functions	Hold Function, Display in kg or lb, overload indicator
Data interface / Data transfer	RS-232 / via button or continuously
Software	optional accessory
Display	25mm LCD display with 1 m coiled cable
Display dimensions	225 x 95 x 55 mm
Power supply	230 V / 50 Hz or by internal battery
Platform size	600 x 900 mm
Overall dimensions	600 x 900 x 80 mm
Weight	ca. 16 kg

Further model:

PCE-PS 75XL	Weighing range 75 kg / 165 lb Weighing plate 600 x 900 mm
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PLATFORM SCALES

PLATFORM SCALE PCE-MS PC150-1-65X95-M

Platform scale / Max. capacity 150 kg / Verification value: 50 g / Incl. verification

With a usable area of 65 x 95 cm, the platform scale is one of the largest mobile platform scales. Thanks to the construction with 4 load cells, the platform scale is also particularly flat. For the comfortable transport of the large platform, both transport rollers and handles are mounted that allow the platform scales to be pulled behind you. The platform scale has a display with

an inverted display whose digit size is 15 x 28 mm. The weighing platform and the display unit are connected to each other via a cable approx. 1.8 m long. The battery built into the display allows a service life of up to 25 hours in continuous operation. The platform scale is delivered with a conformity assessment. The conformity assessment replaces the first verification.

ISO cal option

- ▶ LCD display with 28 mm digit height
- ▶ platform size 650 x 950 mm
- ▶ stainless steel platform
- ▶ HOLD function
- ▶ with transport wheels
- ▶ RS-232 interface
- ▶ up to 25 hours of use



APPLICATION



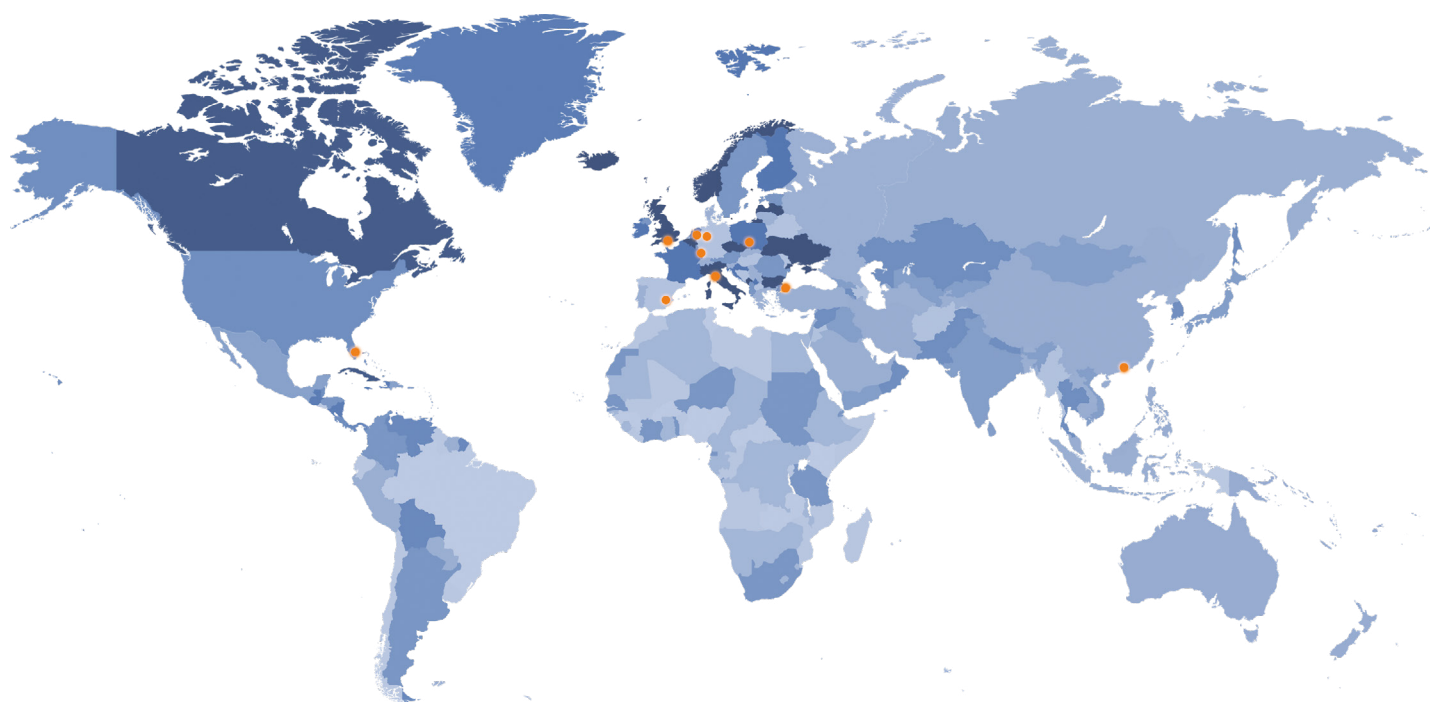
TECHNICAL SPECIFICATIONS

Scale type	single-range scale
Weighing range [Max]	150 kg / 330 lb
Resolution [d]	50 g / 1.76 oz
Weighing unit	kg
Verification value [e]	50 g / 1.76 oz
Verification class [e]	M III
Minimum load [Min]	1 kg / 2.2 lb
Taring range	multiple tare over the entire weighing range, automatic and manual tare deletion possible
Weighing plate [WxD]	650 x 950 mm / 25.6 x 37.4"
Interface	USB-B bidirectional
Display	LCD, white on black
Digit size [WxH]	15 x 28 mm / 5.9 x 11.0"
Power supply	internal lead battery 6 V / 4.5 Ah / 101 x 70 x 50 mm / 3.9 x 2.7 x 1.9" / 820 g / 28.9 oz external power supply 7.8 V / 1.2 AAC / 110 V - 230 V
Battery life	up to 25 hours (continuous operation)
Battery saving mode	yes after 30 seconds without use (can be deactivated)
Load cell	4x 50 kg / 110 lb
Operating temperature	-10 ... +40 °C / 14 ... 104 °F
Weight	23 kg / 50.7 lb



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COMPANY LOCATIONS



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