

# Industrial Balances

## PCE-WS 30

Economical industrial balance for up to 30 kg and highly accurate



Compact balance for professional use with memory function. This compact balance is the perfect tool when you need to determine large weights up to 30kg. For levelling, all the balances of this range come with adjustable feet and a water level integrated into its casing. Via the keypad, a preset tare weight can be input. The compact balance has an RS-232 port. Using optional software, readings can be transferred to a computer. The balance is powered by a 230V mains adaptor or by an internal rechargeable battery. This allows the compact balance to be mobile.

- Economical balance with quality accessories
- Weight tolerance with programmable limits
- Preset tare weight input using keypad
- Tara across entire range and can be repeated numerous times
- Memory for 99 readings
- External calibration
- Easy to clean
- Powered by an internal rechargeable battery or a 230V mains adaptor
- RS-232 interface
- Optional: software and ISO calibration certificate



### Technical specifications

Model	Weight range Max kg	Readability d g	Verification value e g	Minimum load Min g	Repeatability g	Linearity g	Piece count weight minimum g	Weighing plate mm
PCE-WS 30	30	0.5	-	-	0,5	±1	1	230 x 310
Tara range	full range							
Response time	2 sec.							
Units	g, kg, lb							
Function	99 storage values, weighing with tolerance range preset tare weight via keypad							
Display	6 digit LCD with backlight							
Interface	RS-232							
Calibration	automatic (with optional external calibration weights)							
Operating temperature	0 to +40 °C							
Power	230 V / 50 Hz (via 12 V adaptor) or rechargeable battery							
Enclosure	ABS plastic							
Weighing plate	stainless steel (removable)							
Protection	IP 54							
Dimensions	320 x 320 x 125 mm							
Weight	2.8 kg							

### Contents

PCE-WS 30 industrial balance, weighing pan, internal rechargeable battery, mains adaptor and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-WS 30	PCE-WS 30 industrial balance

### Optional accessories

CAL-PCE-WS	ISO certificate
PCE-SOFT-WS	Software with RS-232 cable
RS232-USB	RS-232 to USB adaptor

## Serie PCE-PCS

Programmable counting balance with numeric keypad and a three line display, available in two models



Professional balance for weighing and counting. The memory positions and that it can be powered by rechargeable batteries, make this balance valuable. It is the ideal tool for accurate piece counting such as for inventory. To obtain a piece count, first the weight of a predetermined quantity is taken, or the value is input via the keypad. Then an undetermined quantity is placed on the balance and the weight, the reference weight and the quantity of pieces is shown. The counting balance has an RS-232 port for data transmission. Optional software allows the user to transfer data to a computer.

- Two models available
- Memory for 99 readings for reference weights
- Display separated by weight, quantity and reference weight
- Tara across entire weight range
- Preset tare can allow for input of a quantity or reference weight
- Powered by battery or rechargeable
- Powered by 230V mains adaptor
- ISO certification optional



### Technical specifications

Model	Weight range Max kg	Readability d g	Verification value e g	Minimum load Min g	Repeatability g	Linearity g	Piece count weight minimum g	Weighing plate mm
PCE-PCS 6	6	0.1	-	-	0.1	±0.2	0.1	230 x 310
PCE-PCS 30	30	0.5	-	-	0.5	±1	0.5	230 x 310
Tara range	full range							
Response time	2 sec.							
Units	g, kg							
Function	99 storage values preset tare weight and reference weight via keyboard							
Display	triple 6 digit LCD with backlight							
Interface	RS-232							
Calibration	automatic (with optional external calibration weights)							
Operating temperature	0 to +40 °C							
Power	230 v / 50 Hz (via 12 V adaptor) or rechargeable battery							
Enclosure	ABS plastic							
Weighing plate	stainless steel (removable)							
Protection	IP 54							
Dimensions	320 x 320 x 125 mm							
Weight	2.8 kg							

### Contents

PCE-PCS industrial balance (one of the models), weighing pan, internal rechargeable battery, mains adaptor and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

### Model No.

### Description

PCE-PCS 6	PCE-PCS 6 industrial balance
PCE-PCS 30	PCE-PCS 30 industrial balance

### Optional accessories

CAL-PCE-PCS	ISO certificate
PCE-SOFT-PCS	Software with RS-232 cable
RS232-USB	RS-232 to USB adaptor

# Industrial Balances

## Serie PCE-PB

### Industrial balance with RS-232 interface



We offer you a low cost parcel balance. This scale is ideal for shipping departments, e.g. with the PCE-PB 60 series weighing range of 0 to 60 kg you will be able to accurately weigh all the packages that you want to send with DHL, UPS or GLS. The 230 V mains adaptor is included in the delivery, although it can also be powered by Mignon type batteries, making the balance completely autonomous. Furthermore, this scale has an auto shut-off function after 3 minutes without changes in the load, allowing conservation of battery power. If you want, you can acquire an optional software kit to transfer data to a computer.

- 15 mm digital display
- Battery operation possible (6 1.5 V Mignon cells)
- Powered by mains adaptor (230 V 50 Hz / 12 V)
- RS-232 interface
- Wall mounting device
- Easy to use with only 4 keys
- Automatic shut-off after 3 minutes without a change in load (function can be disabled)
- Overload indicator to protect the balance from damage
- Display device, cable length approx. 1000 mm
- Rugged stainless steel weighing plate with non-skid sides
- Optional software kit (includes cable for PC connectivity)
- ISO certificate (optional)



### Technical specifications

Model	Weighing range Max kg	Readability d g	Verification value e g	Minimum load Min g	Repeatability g	Linearity g	Piece count weight minimum g	Weighing plate mm
PCE-PB 60	60	20	-	-	20	±50	-	325 x 315
PCE-PB 150	150	50	-	-	50	±100	-	325 x 315
Tare range					full range			
Response time					2 sec.			
Units					kg, lb			
Functions					Data Hold			
Display					15 mm LCD/ backlight, 1m cable			
Interface					RS-232			
Calibration					automatic (with optional external calibration weights)			
Operating temperature					0 to +40 °C			
Power					230 V / 50 Hz (adapter) or 6 AA batteries of 1,5 V			
Enclosure					weighing plate: stainless steel, base: mild steel			
Ingress protection					IP 54			
Display dimensions					220 x 90 x 43 mm			
Weighing plate dimensions					325 x 315 x 55 mm			
Weight					4.5 kg			



### Contents

PCE-PB parcel balance (one of our models), display with 1 m cable, wall mount for display, mains adaptor and user's manual  
(For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-PB 60	PCE-PB 60 Parcel balance
PCE-PB 150	PCE-PB 150 Parcel balance

### Optional accessories

CAL-PCE-PB 60	ISO certificate for PCE-PB 60 parcel balance
CAL-PCE-PB 150	ISO certificate for PCE-PB 150 parcel balance
PCE-SOFT-PB	Software with RS-232 cable
PCE-BP1	Thermal printer with RS-232 data cable
RS232-USB	RS-232 to USB adaptor



PCE-BP1 printer (optional)



## Serie PCE-TS

### Industrial balance with large display and RS-232 interface



This balance has a stainless steel platform, an RS-232 interface and a large display with backlight. Furthermore, it is delivered with a stand to elevate the display. The display is mounted at the back of the balance and if you want, you can remove it by removing its two mounting screws and mount it somewhere else. The display is connected to the balance by a 1.5 m cable and it can be placed on the stand for elevate the display up to 800 mm (according to a height that the user wants). This balance is powered by a 230 V mains adaptor which is included in the delivery, If you want, you can acquire an optional software kit which includes a USB cable.

- Powered by a rechargeable battery or mains adaptor
- Large 35 mm high display
- Automatic shut-off after 5 minutes to protect battery life
- Weighing with tolerance range (upper and lower limiting can be programmed)
- Alarm (audible beep in case of overload or low battery)
- Tare function across full weighing range
- Stand to elevate display up to 800 mm
- ISO certificate (optional)



### Technical specifications

Model	Weighing range	Readability	Verification value	Minimum load	Repeatability	Linearity	Piece count weight minimum	Weighing plate mm
	Max kg	d g	e g	Min g	g	g	g	
PCE-TS 60	60	10	-	-	10	±20	-	560 x 460
PCE-TS 150	150	20	-	-	20	±40	-	560 x 460
Tare range	full range							
Response time	2 to 4 sec.							
Units	kg, lb							
Functions	Data Hold, weighing with tolerance range							
Display	35 mm LCD / backlight, 1.5m cable							
Interface	RS-232							
Calibration	automatic (with external optional calibration weights)							
Operating temperature	0 to +40 °C							
Power	230 V / 50 Hz (adaptor) and internal rechargeable battery							
Enclosure	weighing plate: stainless steel, base: mild steel							
Ingress protection	IP 54							
Display dimensions	260 x 155 x 70 mm							
Scale dimensions	560 x 460 x 75 mm							
Weight	16 kg							

### Contents

PCE-TS industrial balance (one of our models), display with 1.5 m cable and internal rechargeable battery, stand to elevate the display, protection for display, mains adaptor and user's manual  
(For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-TS 60	PCE-TS 60 Industrial balance
PCE-TS 150	PCE-TS 150 Industrial balance

### Optional accessories

CAL-PCE-TS 60	ISO certificate for PCE-TS 60 industrial balance
CAL-PCE-TS 150	ISO certificate for PCE-TS 150 industrial balance
PCE-SOFT-TS	Software with RS-232 cable
PCE-BP1	Thermal printer with RS-232 data cable
RS232-USB	RS-232 to USB cable



PCE-BP1 printer (optional)



# Industrial Balances

## Serie PCE-PM

Industrial balances with verification, three models available (up to 300 kg)



The PCE-PM platform balance is a verifiable industrial balance with a rugged, stainless steel base and platform. The built-in display can be mounted on a wall or on the stand which is included. This series of balances are verified and can be used as a commercial scale. The verification is carried out by a calibration authority according to the M class III legal for trade standard. We also offer an optional ISO certificate. This calibration certificate gives you the possibility to save data according to a national pattern.

- Adjustment programme to quick set the accuracy of the balance (using external weight)
- Piece counting with variable reference: 5, 10, 20, 50, 100 or 200 pieces
- Stability indicator
- Can be integrated and connected to DHL, UPS or GLS shipping systems
- Large LED
- RS-232 interface for data transfer
- Bubble level to adjust the balance
- Tare function across full weighing range
- Rugged stainless steel weighing plate
- Stand to elevate display up to 730 mm
- Optional M class III Legal for trade verification
- ISO certificate (optional)



### Technical specifications

Model	Weighing range Max kg	Readability d g	Verification value e g	Minimum load Min g	Repeatability g	Linearity g	Piece count weight minimum g	Weighing plate mm
PCE-PM 30	30	10	10	200	10	±10	5	400 x 490
PCE-PM 62	60	20	20	400	20	±20	10	400 x 400
PCE-PM 150	150	50	50	1000	50	±50	25	600 x 490
PCE-PM 300	300	100	100	2000	100	±100	50	600 x 490
Tare range	full range							
Response time	<3 sec.							
Units	kg							
Functions	piece counting function							
Display	20 mm LED							
Interface	RS-232							
Calibration	automatic (with optional external calibration weight)							
Operating temperature	-10 to +40 °C							
Power	230 V / 50 Hz (via adaptor)							
Enclosure	stainless steel weighing plate, plastic display							
Ingress protection	IP 54							
Display dimensions	280 x 190 x 96 mm, stand height: 730 mm							
Weighing plate dimensions	PCE-PM 30: 400 x 490 x 130 mm,							
	PCE-PM 62: 400 x 400 x 100 mm,							
	PCE-PM 150 & PCE-PM 300: 600 x 490 x 145 mm							
Weight	PCE-PM 30 & PCE-PM 62: 12 kg; PCE-PM 150 & PCE-PM 300: 24 kg							

### Contents

PCE-PM industrial balance (one of our models), display, stand to mount display, mains adaptor and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-PM 30	PCE-PM 30 Industrial balance
PCE-PM 62	PCE-PM 62 Industrial balance
PCE-PM 150	PCE-PM 150 Industrial balance
PCE-PM 300	PCE-PM 300 Industrial balance

### Optional accessories

VER-PCE-PM	M class III Legal for trade verification
CAL-PCE-PM	ISO certificate
PCE-SOFT-PM	Software with RS-232 cable
PCE-PM-RS232	RS-232 cable (for connectivity to DHL, UPS or GLS shipping systems)
RS232-USB	RS-232 to USB adaptor
PCE-BP1	Thermal printer with RS-232 data cable



PCE-BP1 printer (optional)

## PCE-PS 75XL

Balance with large weighing platform



Portable and very economical platform balance for everyday use. Simply move it into place and weigh an object, it couldn't be easier. Its flat design, light weight and the ability to power the balance with batteries or by an mains connection, make this balance very flexible. It can also be transported and placed in different locations. It has a good relation between price and quality.

- Extractable display with 2m cable
- RS-232 interface
- Powered by rechargeable battery or mains adaptor
- Tara across entire range
- Quick response time (3 seconds)
- Adjustable feet
- Stainless steel weighing platform
- Laquered steel base
- ISO certification available separately



### Technical specifications

Model	Weighing range	Readability	Verification value	Min. load	Repeat.	Linearity
	Max	d	e	Min		
	kg	g	g	g	g	g
PCE-PS 75XL	75	20	-	-	20	±50
Tare range			full range			
Response time			3 sec.			
Units			kg and lb			
Functions			Data Hold, overload protection indicator			
Display			25 mm LCD, backlight, 2 m cable			
Interface			RS-232			
Calibration			automatic (with optional external calibration weight)			
Operating temperature			0 to +40 °C			
Power			230 V / 50 Hz (mains adaptor) or rechargeable batteries			
Enclosure			stainless steel weighing plate, mild steel base			
Ingress protection			IP 54			
Display dimensions			225 x 95 x 55 mm			
Weighing plate dimensions			900 x 600 x 90 mm			
Weight			17 kg			

### Contents

PCE-PS 75XL platform balance, display with rechargeable battery and 2 m cable, mains adaptor and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

### Model No.

### Description

PCE-PS 75XL PCE-PS 75XL Industrial balance

### Optional accessories

CAL-PCE-PS Calibration certificate  
 PCE-SOFT-PS Software with RS-232 cable  
 RS232-USB RS-232 to USB adaptor



# Industrial Balances

## Serie PCE-PM SST

Stainless steel scale for use in unfavourable environments and for hygienic use



This is an impermeable industrial balance with verification and made of stainless steel with separate display. The scale has ingress protection IP 67, so is resistant to dust and can be temporarily submerged to a depth of 1 meter. It can be cleaned with jets of water. This scale is ideal for whichever application in humid conditions and for the food industry, thanks to its smooth surfaces and rounded edges. The scale is powered by mains of 230 V. Also, this impermeable scale has an RS-232 interface that is protected to allow use in humid conditions. Together with the optional software, data can be transmitted to a computer. The scale can be calibrated according to ISO standards or verified according to commercial class M III. If you wish, you can request an ISO calibration or an official verification with your order at additional cost. You can also send the balance to a laboratory that is accredited to do calibrations or to the official verification body in your community.

- Steel platform with protected cell resistant to dust and water according to IP 67
- Resistant to dust and water according to IP 65
- Programme to adjust the accuracy by way of adjustment weight
- Piece calculation function with references of 5, 10, 20, 50, 100 or 200 pieces
- Stability indicator
- Large LED with high illumination
- RS-232 interface for data transmission
- Level to accurately adjust the balance
- External calibration (note: this is only possible with scales that are not verified)
- Verifiable according to commercial class M III
- Optional ISO certificate



### Technical specifications

Model	Weighing range Max kg	Readability d g	Verification value e g	Minimum load Min g	Repeatability g	Linearity g	Piece count weight minimum g	Weighing plate mm
PCE-PM 30SST	30	10	10	200	10	±10	5	400 x 490
PCE-PM 60SST	60	20	20	400	20	±20	10	400 x 490
Tare range	full range							
Response time	<3 s							
Units	kg							
Functions	piece counting							
Indicator	20 mm LED							
Interface	RS-232							
Calibration	automatic (with optional external calibration weight)							
Operating temperature	-10 to +40 °C							
Power	230 V / 50 Hz (via net adaptor)							
Enclosure	stainless steel							
Ingress protection	platform: IP 67, indicator: IP 65							
Dimensions indicator	200 x 150 x 80 mm							
Dimensions platform	400 x 490 x 130 mm							
Weight	approx. 23 kg							

### Contents

Stainless steel balance PCE-PM SST (one of our models), indicator, mains adaptor and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-PM 30SST	Stainless steel balance PCE-PM 30SST
PCE-PM 60SST	Stainless steel balance PCE-PM 60SST

### Optional accessories

VER-PCE-PM	M class III Legal for trade verification
CAL-PCE-PM	ISO certificate
PCE-SOFT-PM	Software with RS-232 cable
RS232-USB	RS-232 to USB adaptor



Perfect for industry- and food applications.



## PCE-HS 150

Hanging scale up to 150 kg



The hanging scale is especially suitable for rough use in different industries, as well as for a wide variety of other applications. The scale has an internal mechanism to ensure that the received and indicated value is identical to the transmitted value. The lightweight hanging scale is powered by batteries, what ensures a continuous work period of 150 h before it has to be changed batteries again.

- Powered by batteries
- Very easy to use
- High accuracy through strain band
- Tare across full range
- Data Hold function (value adjustment)
- ISO certificate (optional)



### Technical specifications

Weighing range	0 to 150 kg
Readability	100 g
Probe link	S-hook
Hook	stainless steel
Display	3 digit LCD
Power	2 x CR2032 battery
Enclosure	ABS plastic
Dimensions	365 x 335 x 180 mm
Weight	400 g

### Contents

PCE-HS 150 hanging scale, batteries and user's manual

Model no.	Description
PCE-HS 150	Hanging scale

### Optional accessories

CAL-PCE-HS 150	ISO certificate
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## PCE-AFG Serie

Analogue load crane with ranges of 30 and 120 kN and a large display



The PCE-AFG series are analogue load crane for measuring traction in Newton. There are two shackles included with the device. This durable model can be used in adverse industrial conditions. These load cranes come calibrated from the manufacturer. If an ISO calibration certificate is required for a load crane, one can be ordered separately.

- Analogue, no power supply required
- Easy to use
- Light weight for easy transport
- Drag needle to maintain the maximum weight
- Resistant to impacts
- Comes with two shackles (above and below)
- Type of protection: IP 54
- Maximum overload allowed is 200%, K = 2
- ISO certificate (optional)



### Technical specifications

Model	PCE-AFG 30	PCE-AFG 120
Weighing range	0 ... 30 kN	0 ... 120 kN
Accuracy	class 2	class 2
Readability	0,5 kN	2 kN
Minimum load	0,5 kN	2 kN
Units	Newton	Newton
Tara	full range	
Overload protection	up to 200% above nominal maximum	
Display	analogue dial with drag needle	
Ingress protection	IP 54	
Power	---	

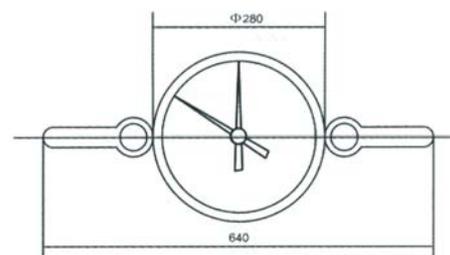
### Contents

PCE-AFG hanging scale (various models), 2 x shackle, case and user's manual

Model No.	Description
PCE-AFG 30	Hanging scale up to 30 kN
PCE-AFG 120	Hanging scale up to 120 kN

### Optional accessories

CAL-PCE-AFG	ISO certificate
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# Industrial Balances

## Serie PCE-CS

Low cost crane scale for indoor applications



We offer you a portable and compact crane scale that is powered by an internal rechargeable battery. It has tare function and accumulator function for high accuracy. This scale includes a hook, hanging loop, rechargeable battery, loader and a remote control with batteries. Its rugged design makes it ideal for daily use in the industrial sector and in the trade, transport or food sectors. This crane scale is delivered factory calibrated. You can purchase a laboratory calibration with an ISO certificate (at additional cost) to meet DIN ISO 9000 standard.

- 30 mm LED with
- Infrared remote control: all functions are selectable
- Powered by an internal rechargeable battery (battery charger is included in the delivery)
- Data Hold function, the weight display can be "frozen" using the HOLD key
- Stainless steel hanging loop, zinc hook
- Overload protection 400 %, (K= 4)
- Special "sum up" function
- ISO certificate (optional)



### Technical specifications

Model	Weighing range	Readability	Minimum load	Repeatability	L	A	B	C	Weight
	Max	d	Min						
	kg	g	kg	kg	mm	mm	mm	mm	kg
PCE-CS 300	300	50	2.0	0.1	335	20	65	20	4.0
PCE-CS 1000	1000	200	10.0	0.5	360	25	75	20	4.2
Tare range					full range				
Response time					<10 sec.				
Units					kg				
Display					30 mm LED				
Maximum overload					400 %				
Calibration					automatic (with optional external calibration weight)				
Operating temperature					0 to +40 °C				
Power					internal rechargeable battery for 50 hours operating time (230 V / 50 Hz battery charger included in the delivery)				
Remote control					usable for all functions (included)				
Ingress protection					IP 54				

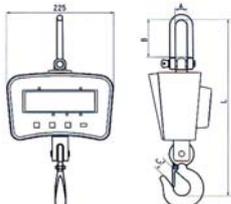
### Contents

PCE-CS crane scale (one of our models), internal rechargeable battery, charger, infrared remote control (batteries included), shackle, hook and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-CS 300	PCE-CS 300 Crane scale
PCE-CS 1000	PCE-CS 1000 Crane scale

### Optional accessories

CAL-0.5T	ISO certificate for PCE-CS 300 crane scale
CAL-1T	ISO certificate for PCE-CS 1000 crane scale



## Serie PCE-CS HD

Rugged crane scale for indoor applications



We offer you a rugged crane scale for indoor use that is powered by an internal rechargeable battery. It has a tare function for high accuracy. The scale includes a hook and remote control. Its rugged enclosure makes it ideal for daily use in the industrial sector and in the trade, transport or food sectors. You can purchase a laboratory calibration with an ISO certificate, at additional cost, to meet with the DIN ISO 9000 standard. In conclusion, it is a low cost instrument for industrial and commercial applications.

- 30 mm LED with backlight
- Infrared remote control: all functions are selectable
- Powered by internal rechargeable battery (battery charger included in the delivery)
- Data Hold function, the weight display can be "frozen" using the HOLD key
- Stainless steel hanging loop, zinc hook
- Overload protection 400 %, (K=4)
- Special "sum up" function
- ISO certificate (optional)



### Technical specifications

Model	Weighing range	Readability	Minimum load	Repeatability	A	B	C	Weight
	Max	d	Min					
	kg	kg	kg	kg	mm	mm	mm	kg
PCE-CS 3000 HD	3000	0.5	20	1	600	80	45	14
PCE-CS 5000 HD	5000	1	40	2	730	100	55	24
PCE-CS 10000 HD	10000	2	100	5	850	120	70	44
Tare range					full range			
Response time					<10 sec.			
Units					kg			
Indicator					30 mm LED			
Maximum overload					400 %			
Calibration					automatic (with optional external calibration weight)			
Operating temperature					0 to +40 °C			
Power					internal rechargeable battery for 80 hours operating time (230 V / 50 Hz battery charger included in the delivery)			
Enclosure					metal			
Remote control					usable for all functions (included)			
Ingress protection					IP 54			

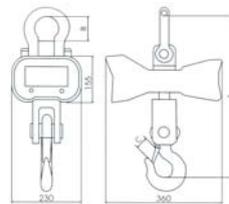
### Contents

PCE-CS HD crane scale (one of our models), internal rechargeable battery, charger, remote control (batteries included), shackle, hook and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-CS 3000 HD	PCE-CS 3000 HD Crane scale
PCE-CS 5000 HD	PCE-CS 5000 HD Crane scale
PCE-CS 10000 HD	PCE-CS 10000 HD Crane scale

### Optional accessories

CAL-10T	ISO certificate for crane scale
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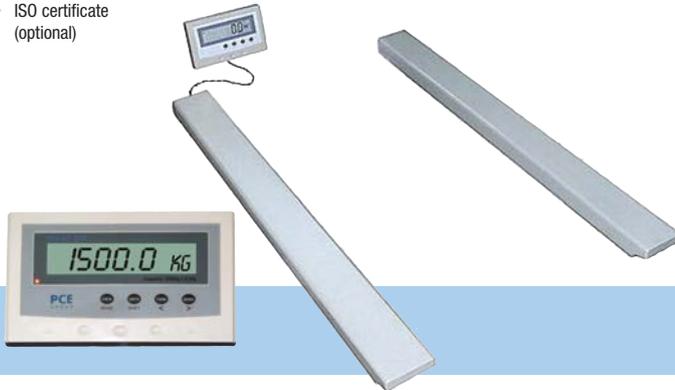
## Serie PCE-SW

Low cost pallet scale



This PCE-SW 1500 / PCE-SW 3000 pallet scale is low cost, accurate and very easy to use. It can be used in any place thanks to its two wheels. The display is connected to the balance by a 4 m cable. This balance is powered by arechargeable battery or a 230 V mains adaptor which is included in the delivery. If you want, you can acquire an optional software kit which includes a USB cable.

- Repeatability  $\pm 0.5$  kg
- Large 25 mm LCD
- Automatic calculation of the tare and manual tare input
- U shaped scale for easy access
- Powered by a rechargeable battery or mains adaptor
- RS-232 interface for data transmission
- Wheels and handle for a easy transport
- Adjustable levelling feet to set the balance
- Auto shut-off to protect battery life
- ISO certificate (optional)



### Technical specifications

Model	Weighing range Max kg	Readability d kg	Repeatability kg
PCE-SW 1500	1500	0.5	0.5
PCE-SW 3000	3000	1.0	1.0
Tare range		full range	
Response time		3 to 5 s	
Units		kg	
Indicator		25 mm LCD with backlight	
Maximal overload		125 %	
Calibration		automatic (with optional external calibration weight)	
Operating temperature		-10 to +40 °C	
Interface		RS-232	
Power		rechargeable battery or mains adaptor 230 Hz / 50 Hz	
Enclosure		coated steel	
Ingress protection		IP 54	
Dimensions		(2x) 1260 x 120 x 95 mm	
Weight		50 kg	

### Contents

PCE-SW 1500 / PCE-SW 3000 pallet scale, indicator with rechargeable battery, mains adaptor and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-SW 1500	PCE-SW 1500 pallet scale
PCE-SW 3000	PCE-SW 3000 pallet scale

### Optional accessories

CAL-PCE-SW	ISO certificate
PCE-SOFT-SW	Software with RS-232 cable
RS232-USB	RS-232 to USB adaptor
PCE-BP1	Thermal printer with RS-232 data cable



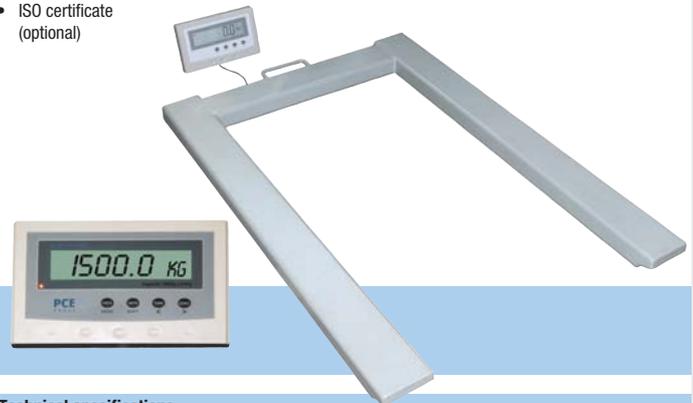
## PCE-EP 1500

Low cost pallet scale



This PCE-EP 1500 pallet scale is low cost, accurate and very easy to use. It can be used in any place thanks to its two wheels. The display is connected to the balance by a 3 m cable. This balance is powered by arechargeable battery or a 230 V mains adaptor which is included in the delivery. If you want, you can acquire an optional software kit which includes a USB cable.

- Repeatability  $\pm 0.5$  kg
- Large 25 mm LCD
- Automatic calculation of the tare and manual tare input
- U shaped scale for easy access
- Powered by a rechargeable battery or mains adaptor
- RS-232 interface for data transmission
- Wheels and handle for a easy transport
- Adjustable levelling feet to set the balance
- Auto shut-off to protect battery life
- ISO certificate (optional)



### Technical specifications

Model	Weighing range Max kg	Readability d kg	Repeatability kg
PCE-EP 1500	1500	0.5	0.5
Tare range		full range	
Response time		3 to 5 s	
Units		kg	
Indicator		25 mm LCD with backlight	
Maximal overload		125 %	
Calibration		automatic (with optional external calibration weight)	
Operating temperature		0 to +40 °C	
Power		- rechargeable battery - mains adaptor 230 Hz / 50 Hz	
Enclosure		coated steel	
Accessories		wheels and handle, levelling feet	
Ingress protection		IP 54	
Dimensions		1260 x 840 x 95 mm	
Weight		50 kg	

### Contents

PCE-EP 1500 pallet scale, indicator with rechargeable battery, mains adaptor and user's manual (For U.K. customers: incl. U.K. AC Mains Power Adaptor)

Model No.	Description
PCE-EP 1500	PCE-EP 1500 pallet scale

### Optional accessories

CAL-PCE-EP	ISO certificate
PCE-SOFT-EP	Software with RS-232 cable
RS232-USB	RS-232 to USB adaptor



## ISO Certificate

Certificate according to DIN ISO

Companies that have a management system according to the ISO 9000 are required to calibrate their measuring instruments regularly. Because of this, we offer you this optional ISO certificate. We will send, on your behalf, the measuring instrument to an accredited laboratory, where they are checked and calibrated. The certificate includes the values with deviations, the serial number of the device and the client name. In this way your device and the results are based on the international patterns.



## Verification

Class M I, M II and M III Verifications

According to UE 90/384/EWG guidelines all the scales must be verified for:

- Commercial relationships where the price of good is determined by its weight, e.g. foods like cold meat, meat or cheese, as well as gold or precious stones.
- Medicine production and analysis in medical and pharmaceutical laboratories.
- Rates, tariff and official fines determination.
- Industrial packing production.



If you want, we can carry out the verification for you. We can send the scale to the corresponding accredited organisation. They will check the scale and include a verification mark and a conforming document. The first verification has a period of availability of 2 years. The scale is sealed so that it cannot be manipulated or calibrated by anybody.

This verification has validity across the entire European Union.

## Software

Software for data transfer

We offer you software for data transfer for almost all our instruments and scales with USB cable. With the help of the software you will be able to transmit the measurement values / load data to your computer. You can acquire an adaptor for your computer if they only have a USB interface.

- For Windows NT, 2000, XP
- It includes RS-232 cable (d-sub, of 9 pins)
- You can store the measurement data
- You can transfer the data to Excel
- Possibility to generate all types of reports
- Optional RS-232 to USB adaptor



## Customer support services

Technical support carried out by our engineers

We provide you with high quality services to support our products (measuring instruments and balances) for all your applications. We can help you purchase the most appropriate device according to your needs. Don't hesitate to contact our specialists from Monday to Friday.

