KERN®

HANGING SCALES, CRANE SCALES

Laboratory | Industry | Food Industry

PROFESSIONAL MEASURING

2025

KERN Pictograms

Internal adjusting
CAL INT
Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)

Adjusting program CAL
CAL EXT
For quick setting up of the balance's accuracy. External adjusting weight required

EasyTouch
ET
Suitable for the connection, data transmission and control through PC or tablet

Memory
MEMORY
Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.

Alibi memory
ALIBI
Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard.

KERN Universal Port (KUP)
KUP
allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort

RS-232 Data interface
RS 232
To connect the balance to a printer, PC or network

RS-485 Data interface
RS 485
To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible

USB Data interface
USB
To connect the balance to a printer, PC or other peripherals

Bluetooth* Data interface
BT
To transfer data from the balance to a printer, PC or other peripherals

WIFI Data interface
WIFI
To transfer data from the balance to a printer, PC or other peripherals

Control outputs
SWITCH
(optocoupler, digital I/O) To connect relays, signal lamps, valves, etc.

Analogue interface
ANALOG
to connect a suitable peripheral device for analogue processing of the measurements

Interface for second balance
DUAL
For direct connection of a second balance

Network interface
LAN
For connecting the scale to an Ethernet network

KERN Communication Protocol (KCP)
KCP PROTOCOL
It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems

GLP/ISO log intern
GLP INTERN
The balance displays weight, date and time, independent of a printer connection

GLP/ISO log Printer
GLP PRINTER
With weight, date and time. Only with KERN printers.

Piece counting
PCS
Reference quantities selectable. Display can be switched from piece to weight

Recipe level A
RECIPE A
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out

Recipe level B
RECIPE B
Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display

Totalising level A
SUM A
The weights of similar items can be added together and the total can be printed out

Percentage determination
PERCENT
Determining the deviation in % from the target value (100 %)

Weighing units
UNIT
Can be switched to e.g. nonmetric units. See balance model. Please refer to KERN's website for more details

Weighing with tolerance range (Checkweighing)
TOL
Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

Hold function
MOVE
(Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value

Protection against dust and water splashes IPxx
IP
The type of protection is shown in the pictogram

Suspended weighing
UNDER
Load support with hook on the underside of the balance

Battery operation
BATT
Ready for battery operation. The battery type is specified for each device

Rechargeable battery pack
ACCU
Rechargeable set

Universal plug-in power supply
MULTI
with universal input and optional input socket adapters for
A) EU, CH, GB
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS

Plug-in power supply
230 V
230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available

Integrated power supply unit
230 V
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request

Weighing principle Strain gauges
DMS
Electrical resistor on an elastic deforming body

Weighing principle Tuning fork
T-FORK
A resonating body is electromagnetically excited, causing it to oscillate

Weighing principle Electromagnetic force compensation
FORCE
Coil inside a permanent magnet. For the most accurate weighings

Weighing principle Single cell technology
SC TECH
Advanced version of the force compensation principle with the highest level of precision

Conformity Assessment
M +3 DAYS
The time required for conformity assessment is specified in the pictogram

DAkkS calibration possible (DKD)
DAkkS +3 DAYS
The time required for DAkkS calibration is shown in days in the pictogram

Factory calibration (ISO)
ISO +4 DAYS
The time required for Factory calibration is shown in days in the pictogram

Package shipment
1 DAY
The time required for internal shipping preparations is shown in days in the pictogram

Pallet shipment
2 DAYS
The time required for internal shipping preparations is shown in days in the pictogram

KERN Models A-Z

KERN Quick-Finder

How I quickly find the product I am looking for

Ahead of each product group allows you to base the search for a certain target group on weighing data you need such as readout, weighing capacity and main features for each model.

And it's as simple as that – find the product you want in 2 steps:
1. Go to the product group index on page 3
2. Pick the appropriate product group and find the product you want using the Quick-Finder

The classic among manual hanging scales – perfect for rapid weighing of higher loads

Features

- **1** With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/Breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be "frozen" in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Peak load display (peak hold)
- Hook made of steel

Technical data

- LCD display, digit height 11 mm
- **2** Tape measure, extractable, length approx. 100 cm
- Ready for use: Batteries included, 9 V block, operating time up to 20 h
- Weighing units: kg, lb, N
- Overall dimensions W×D×H 90×30×283 mm
- Net weight approx. 0,35 kg
- Permissible ambient temperature 5 °C/35 °C

Accessories

- **3** Tare pan with pan beam, max. load 30 kg, details see *Accessories*, KERN CH-A01N, **€ 88,–**

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STANDARD						OPTION
CAL EXT	UNIT	MOVE	BATT	DMS	1 DAY	DAkkS +3 DAYS

Model	Weighing capacity	Readability	Price excl. of VAT ex works	Options DAkkS Calibr. Certificate DAkkS	
KERN	[Max] kg	[d] g	€	KERN	€
CH 15K20	15	20	**72,–**	963-128H	124,–
CH 50K50	50	50	**78,–**	963-128H	124,–
CH 50K100	50	100	**68,–**	963-128H	124,–

KERN HDB

KERN HDB-XL

User-friendly hanging scale for rapid, mobile weighing

Features

- ❶ With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- HDB-XL: High-capacity XL-version. The larger design creates space for a large handle, which enables even better handling especially with heavier loads
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be "frozen" in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Hook, steel, included with the delivery. Can be hinged on HDB-N models
- Peak load display (peak hold)

Technical data

- LCD display, digit height 12 mm
- Ready for use: Batteries included, 2×1.5 V AAA, operating time up to 180 h
- Weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

Accessories

- ❷ Tare pan with pan beam, max. load 30 kg, details see *Accessories*, KERN CH-A01N, **€ 88,–**

STANDARD | OPTION

| CAL EXT | UNIT | MOVE | BATT | DMS | 1 DAY | DAkkS +3 DAYS |

Model	Weighing capacity	Readability	Dimensions	Net weight	Price excl. of VAT ex works	Options DAkkS Calibr. Certificate	
	[Max]	[d]	W×D×H	approx.		DAkkS	
KERN	kg	g	mm	kg	€	KERN	€
HDB 5K5N	5	5	72×25×188	0,20	**62,–**	963-127H	103,–
HDB 10K10N	10	10	72×25×188	0,20	**62,–**	963-128H	124,–
High-capacity XL-version							
HDB 6K-3XL*	6	5	101×25×203	0,25	**82,–**	963-128H	124,–
HDB 10K-2XL	15	10	101×25×203	0,25	**82,–**	963-128H	124,–
HDB 30K-2XL	30	20	101×25×211	0,25	**82,–**	963-128H	124,–

❗ * ONLY WHILE STOCKS LAST

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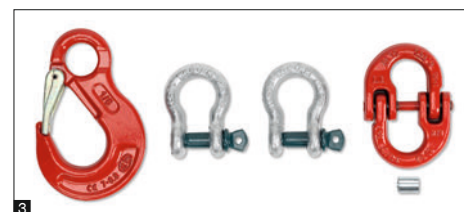
Handy hanging scale for higher loads

Features

- **1** With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be "frozen" in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Peak load display (peak hold), Measuring frequency 5 Hz
- [Max] ≤ 200 kg: Snap link (stainless steel) with safety catch and hook (stainless steel) as standard, see larger picture

- **2** [Max] ≥ 500 kg: Reinforced version for heavy loads. Snap link and hook not included, see *Accessories*

Technical data

- LCD display, digit height 12 mm
- Hole diameter of load support, model with [Max] ≤ 200 kg: approx. 14 mm [Max] ≥ 500 kg: approx. 16 mm
- Weighing units: kg, lb, N
- Ready for use: Batteries included, 3×1.5 V AA, operating time up to 300 h
- Permissible ambient temperature 5 °C/35 °C

Accessories

Suitable for all models

- **3** Hook with safety catch, galvanised and lacquered cast steel, not rotatable, scope of delivery: 2 shackles, 1 connecting link, 1 hook, KERN YHA-06, **€ 140,–**
- **4** High-strength shackle, hot-dipped galvanised cast steel bracket, curved edge. Scope of delivery: 2 shackles, KERN YSC-04, **€ 60,–**

Suitable for all models with [Max] ≤ 200 kg

- Snap link (stainless steel) with safety catch, opening approx. 13 mm, KERN HCB-A01, **€ 35,–**
- Hook (stainless steel), opening approx. 29 mm, KERN HCB-A02, **€ 35,–**

Suitable for model HCB 20K10

- **5** Tare pan with pan beam, max. load 30 kg, details see *Accessories*, KERN CH-A01N, **€ 88,–**

STANDARD | CAL EXT | UNIT | MOVE | BATT | DMS | 1 DAY | **OPTION** DAkkS +3 DAYS

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Model KERN	Weighing capacity [Max] kg	Readability [d] g	Dimensions housing W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €	Options DAkkS Calibr. Certificate DAkkS KERN	€
HCB 20K10	20	10	82×43×153	0,30	**115,–**	963-128H	124,–
HCB 50K20	50	20	82×43×153	0,30	**125,–**	963-128H	124,–
HCB 99K50	99	50	82×43×153	0,30	**105,–**	963-129H	145,–
HCB 50K100	50	100	82×43×153	0,30	**95,–**	963-128H	124,–
HCB 200K100	200	100	82×43×153	0,30	**125,–**	963-129H	145,–
HCB 100K200	100	200	82×43×153	0,30	**105,–**	963-129H	145,–
HCB 200K500	200	500	82×43×153	0,30	**100,–**	963-129H	145,–
HCB 0.5T-3	500	1000	82×43×153	0,40	**205,–**	963-130H	255,–
HCB 1T-3	1000	2000	82×48×153	0,60	**265,–**	963-130H	255,–

Robust, compact hanging scale with high level of protection against dust and water spray

Features

- **1** With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- **2** Housing stainless steel, IP65-protected against dust and water splashes
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be "frozen" in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Peak load display (peak hold)
- Internal measuring frequency: 5 Hz
- Snap link (stainless steel) with safety catch as standard
- Hook (stainless steel) as standard

Technical data

- LCD display, digit height 12 mm
- **3** Second display on the back of the balance, see larger picture
- Hole diameter of load support ca. 14 mm
- Ready for use: Batteries included, 2×1.5 V AA, operating time up to 200 h
- Weighing units: kg, lb, N
- Overall dimensions W×D×H 96×48×179 mm
- Net weight approx. 0,50 kg
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Snap link (stainless steel) with safety catch, opening approx. 13 mm, KERN HCB-A01, **€ 35,–**
- Hook (stainless steel), opening approx. 29 mm, KERN HCB-A02, **€ 35,–**

STANDARD — CAL EXT | UNIT | MOVE | IP 65 | BATT | DMS | 1 DAY   OPTION — DAkkS +3 DAYS

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Price excl. of VAT ex works €	Options DAkkS Calibr. Certificate DAkkS KERN	€
HCN 50K100IP	50	100	145,–	963-128H	124,–
HCN 100K200IP	100	200	145,–	963-129H	145,–
HCN 200K500IP	200	500	145,–	963-129H	145,–
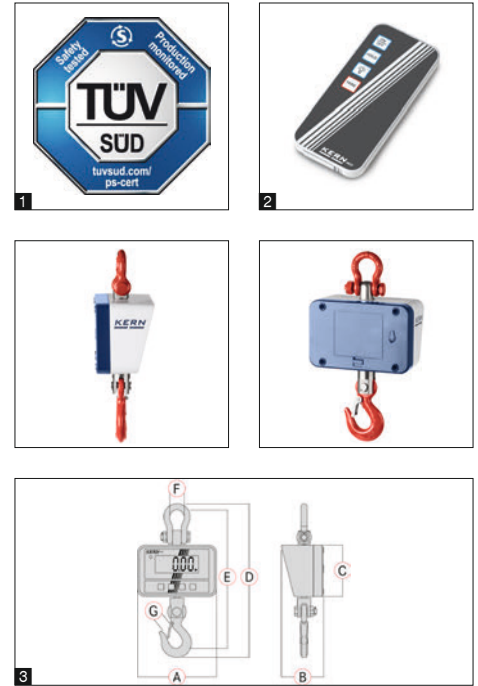
High-resolution crane scale for loads up to 300 kg

Features

- ❶ With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/Breakage resistance) and EN 61010-1 (Electrical safety)
- Fully-equipped crane scale for low to medium load ranges. The solid design guarantees that extra level of safety (TÜV tested). Thanks to the large LCD display and the remote control which is delivered as standard, it can also be operated safely from a distance and results can be read off
- Thanks to battery operation/rechargeable battery operation (optional), compact, light-weight construction, it is suitable for the use in several locations
- Battery level indicator, LED visual display

- Hold function: For easy reading of the weighing result, the display can be "frozen" in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Tare: Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed
- Large high-contrasted display that is easy to read
- Standby function: display automatically switched off after 5 min without a change of load. Automatic activation with the touch of a key
- Hook with safety catch, revolving
- Shackle and safety catch made of nickel-plated steel
- ❷ Infrared remote control standard, range up to 20 m, W×D×H 65×24×100 mm, batteries included

Technical data

- Backlit LCD display, digit height 28 mm
- Ready for use: Batteries included, 4×1.5 V AA, operating time up to 100 h
- Precision: 0,2 % of [Max]
- Weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/40 °C

Accessories

- Internal rechargeable battery pack for load receptor, operating time up to 50 h without backlight, charging time approx. 12 h. Weighing is not possible during the charging process, KERN HCD-A01, **€ 50,–**

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Net weight approx. kg	❸ Dimensions							Price excl. of VAT ex works €	Options DAkkS Calibr. Certificate DAkkS KERN	€
				A mm	B mm	C mm	D mm	E mm	F mm	G mm			
HCD 60K-2	60	20	1,2	150	79,3	97,7	276,1	246,5	26	18	**200,–**	963-129H	145,–
HCD 100K-2	150	50	1,2	150	79,3	97,7	276,1	246,5	26	18	**200,–**	963-129H	145,–
HCD 300K-1	300	100	1,2	150	79,3	97,7	276,1	246,5	26	18	**200,–**	963-129H	145,–
Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].													
HCD 100K-2D	60 | 150	20 | 50	1,2	150	79,3	97,7	276,1	246,5	26	18	**210,–**	963-129H	145,–
HCD 300K-2D	150 | 300	50 | 100	1,2	150	79,3	97,7	276,1	246,5	26	18	**210,–**	963-129H	145,–

STANDARD: CAL EXT · UNIT · MOVE · BATT · DMS · 1 DAY
OPTION: ACCU · DAkkS +3 DAYS

Compact crane scale with integrated display can also be used for tensile force measurement

Features

- ❶ With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- With its high-quality finish, low weight and compact dimensions, this crane scale (tensile force gauge) is an essential device for industrial use
- Because of its compact design it is also ideally suited for installation in systems where space is limited, etc.
- Ideally suited for determining weight quickly while loading and unloading
- Peak load display (peak hold)
- Hold function: For easy reading of the weighing result, the display can be "frozen" by pressing the Hold key
- Tare: Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed

Technical data

- Large backlit LCD display, digit height 23 mm
- Material and design of housing/load support, models with
  [Max] ≤ 3 t: aluminium/stainless steel bushing
  [Max] > 3 t: steel/steel
- Rechargeable battery pack integrated, as standard, operating time up to 30 h without backlight, charging time approx. 12 h
- Optional battery operation, 3×1.5 V AA not included in scope of delivery, operating time up to 30 h
- Precision: 0,2 % of [Max]
- Internal measuring frequency: 60 Hz
- Weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

Accessories

- ❷ High-strength shackle, hot-dipped galvanised cast steel bracket, bow shaped. Scope of delivery: 2 shackles with lacquered screw bolts, suitable for models with
  [Max] ≤ 5 t: KERN YSC-01, € 125,–
  [Max] = 10 t: KERN YSC-02, € 270,–
- ❸ Hook with safety catch, galvanised and lacquered cast steel, not rotatable, scope of delivery: 2 shackles, 1 connecting link, 1 hook
  [Max] ≤ 1 t: KERN YHA-01, € 210,–
  [Max] = 3 t: KERN YHA-02, € 230,–
  [Max] = 5 t: KERN YHA-03, € 300,–
  [Max] = 10 t: KERN YHA-04, € 560,–

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STANDARD | | | | | | | OPTION

| CAL EXT | UNIT | TOL | BATT | ACCU | MULTI | DMS | 1 DAY | DAkkS +3 DAYS |

Model	Weighing capacity [Max]	Readability [d]	Net weight approx.	❹ Dimensions									Price excl. of VAT ex works	Options DAkkS Calibr. Certificate DAkkS	
KERN	kg	g	kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	€	KERN	€
HFA 600K-1	600	200	1,8	90	62	100	255	165	27	27	30	30	**680,–**	963-130H	255,–
HFA 1T-4	1000	500	1,8	90	62	100	255	165	27	27	30	30	**680,–**	963-130H	255,–
HFA 3T-3	3000	1000	2,0	90	62	100	255	165	27	27	30	30	**740,–**	963-132H	650,–
HFA 5T-3	5000	2000	4,0	90	62	100	255	165	30	30	30	30	**820,–**	963-132H	650,–
HFA 10T-3	10000	5000	6	90	72	100	275	185	40	40	40	40	**1290,–**	963-133H	910,–
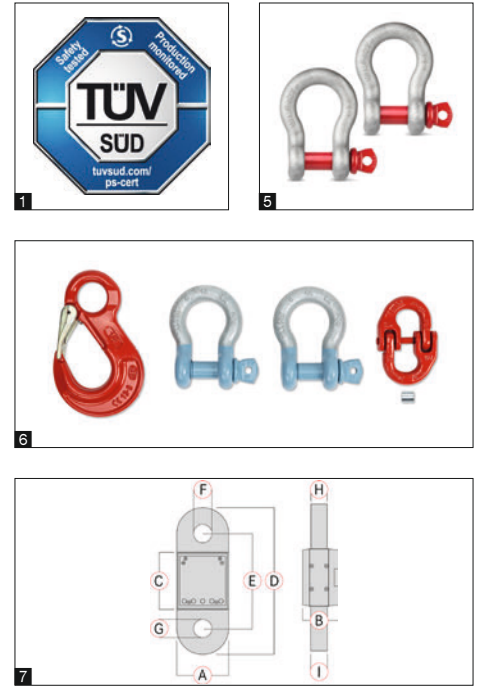
Compact crane scale for use in harsh environmental conditions or where space is limited, with convenient hand-held terminal
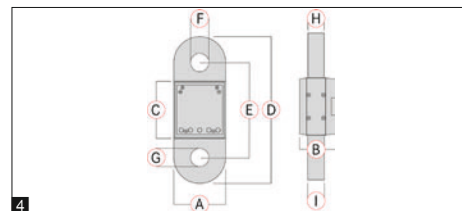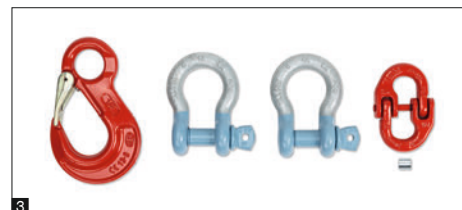
Features

- **1** With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- With its high-quality finish, low weight and compact dimensions, this crane scale (tensile force gauge) is an essential device for industrial use
- Because of its compact design it is also ideally suited for installation in systems where space is limited, etc.
- Peak load display (peak hold)
- Hold function: For easy reading of the weighing result, the display can be "frozen" by pressing the Hold key
- Tare: Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed
- Display device with integrated radio module, which the user can carry around with him, thanks to the convenient hand strap, standard. In this way the weighing data can always be read off the display device by the user, even when the user is a long way from the load receptor (force gauge) or under poor lighting conditions. Range up to 20 m. All functions can be selected

Technical data

- Material and design of housing/load support, models with
  [Max] ≤ 3 t: aluminium/stainless steel bushing
  [Max] > 3 t: steel/steel
- Precision: 0,2 % of [Max]
- Internal measuring frequency: 10 Hz
- Weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

Display device

- Large backlit LCD display, digit height 23 mm
- **2** Rechargeable battery pack integrated, as standard, operating time up to 30 h without backlight, charging time approx. 12 h
- Dimensions of display device W×D×H 88×64×256 mm

Load receptor

- **3** Internal rechargeable battery pack included with the delievery, Operating time up to 35 h without backlight, charging time approx. 8 h
- **4** Optional battery operation, 3×1.5 V AA not included in scope of delivery, operating time up to 40 h

Accessories

- **5** High-strength shackle, hot-dipped galvanised cast steel bracket, bow shaped. Scope of delivery: 2 shackles with lacquered screw bolts, suitable for models with
  [Max] ≤ 5 t: KERN YSC-01, **€ 125,–**
  [Max] = 10 t: KERN YSC-02, **€ 270,–**
- **6** Hook with safety catch, galvanised and lacquered cast steel, not rotatable, scope of delivery: 2 shackles, 1 connecting link, 1 hook
  [Max] ≤ 1 t: KERN YHA-01, **€ 210,–**
  [Max] = 3 t: KERN YHA-02, **€ 230,–**
 [Max] = 5 t: KERN YHA-03, **€ 300,–**
  [Max] = 10 t: KERN YHA-04, **€ 560,–**

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STANDARD							OPTION
CAL EXT	SUM	UNIT	BATT	ACCU	MULTI	DMS	1 DAY	DAkkS +3 DAYS
			4	**2**, **3**			
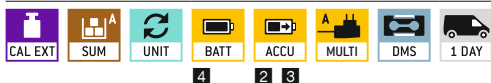
Model KERN	Weighing capacity [Max] kg	Readability [d] g	Net weight approx. kg	**7** Dimensions									Price excl. of VAT ex works €	Options DAkkS Calibr. Certificate DAkkS KERN	€
				A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm			
HFC 600K-1	600	200	1,8	90	62	100	255	165	27	27	30	30	**1070,–**	963-130H	255,–
HFC 1T-4	1000	500	1,8	90	62	100	255	165	27	27	30	30	**1070,–**	963-130H	255,–
HFC 3T-3	3000	1000	2,2	90	62	100	255	165	27	27	30	30	**1140,–**	963-132H	650,–
HFC 5T-3	5000	2000	4,0	90	62	100	255	165	30	30	30	30	**1220,–**	963-132H	650,–
HFC 10T-3	10000	5000	6	90	72	100	275	185	40	40	40	40	**1690,–**	963-133H	910,–

Crane Scales KERN HFD

KERN HFD/HFD-IP

KERN HFD-M

Robust, high-resolution crane scale up to 12 t, also with optional verification or protection type IP67

High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)

Solid shackles, non-revolving

Radio remote control standard. Range up to 20 m. All functions can be selected (excl. ON/OFF). W×D×H 65×24×100 mm. Batteries included, 1×12V, 23A
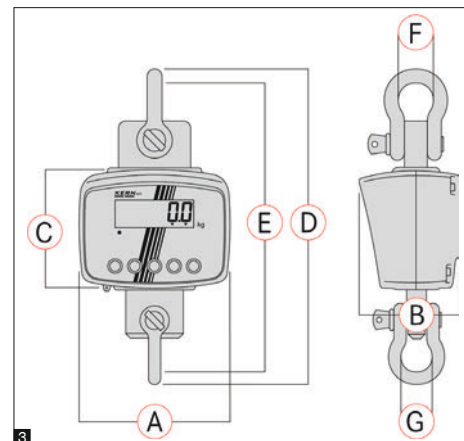
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Crane Scales KERN HFD

Features

- ❶ With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/Breakage resistance) and EN 61010-1 (Electrical safety)
- Because of its stable construction and robust design, it is ideal for continuous use in industrial environment
- Tare: Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed

KERN HFD/HFD-IP

- Hold function: the weight display is "frozen" when the Hold button is pressed

KERN HFD-IP

- The models with IP add-on have special spray and dust protection to IP67 and because of this they are ideal for use in harsh environments

KERN HFD-M

- The models with M add-on can be verified optionally and because of this they are ideal for use in verified applications such as, for example, calculation of a total price, based on weight
- Will support you when weighing freight in a SOLAS compliant manner
- Sleep function: when the sleep button is pressed, the weight display is switched off, but the value remains stored. This can extend the battery life

Technical data

- Superior display size: digit height 30 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
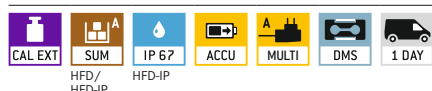- Rechargeable battery pack integrated, as standard, operating time up to 70 h without backlight, charging time approx. 12 h. Battery pack accessible from the outside, which means it is easy to replace
- Precision: 0,2 % of [Max]
- Weighing units: kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Charging station for external battery charging, scope of delivery: charging station, exchangeable battery, mains adapter, KERN HFD-A07, **€ 120,–**
- ❷ Hook with safety catch, cast steel, galvanised and lacquered, non-revolving, suitable for models
  [Max] ≤ 1t: KERN HFD-A01, **€ 50,–**
  [Max] = 3t: KERN HFD-A02, **€ 70,–**
 [Max] ≥ 6t: KERN HFD-A03, **€ 130,–**

STANDARD						OPTION	FACTORY
CAL EXT	SUM	IP 67	ACCU	MULTI	DMS	1 DAY	DAkkS +3 DAYS	M +3 DAYS
	HFD/HFD-IP	HFD-IP						HFD-M

Model KERN	Weighing capacity [Max] kg	Readability [d] g	Net weight approx. kg	❸ Dimensions A mm	B mm	C mm	D mm	E mm	F=G mm	Price excl. of VAT ex works €	Verification Ⓜ KERN	€	Options DAkkS Calibr. Certificate DAkkS KERN	€
Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range														
HFD 600K-1	150 | 300 | 600	50 | 100 | 200	9	194	129	160	422	384	50,8	480,–	-	-	963-130H	255,–
HFD 1T-4	300 | 600 | 1500	100 | 200 | 500	9	194	129	160	422	384	50,8	490,–	-	-	963-130H	255,–
HFD 3T-3	600 | 1500 | 3000	200 | 500 | 1000	10	194	129	160	457	413	58	670,–	-	-	963-132H	650,–
HFD 6T-3	1500 | 3000 | 6000	500 | 1000 | 2000	15	194	129	160	518	467	68,3	850,–	-	-	963-132H	650,–
HFD 10T-3	3000 | 6000 | 12000	1000 | 2000 | 5000	22	194	129	160	584	521	82,5	990,–	-	-	963-133H	910,–
Protection against dust and water splashes IP67														
HFD 600K-1IP	150 | 300 | 600	50 | 100 | 200	9	194	129	160	422	384	50,8	590,–	-	-	963-130H	255,–
HFD 1T-4IP	300 | 600 | 1500	100 | 200 | 500	9	194	129	160	422	384	50,8	600,–	-	-	963-130H	255,–
HFD 3T-3IP	600 | 1500 | 3000	200 | 500 | 1000	10	194	129	160	457	413	58	740,–	-	-	963-132H	650,–
HFD 6T-3IP	1500 | 3000 | 6000	500 | 1000 | 2000	15	194	129	160	518	467	68,3	920,–	-	-	963-132H	650,–
HFD 10T-3IP	3000 | 6000 | 12000	1000 | 2000 | 5000	22	194	129	160	584	521	82,5	1060,–	-	-	963-133H	910,–
Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.														
HFD 600K-1M	600	200	9	194	129	160	422	384	50,8	650,–	965-130H	150,–	963-130H	255,–
HFD 1T-4M	1500	500	9	194	129	160	422	384	50,8	660,–	965-130H	150,–	963-130H	255,–
HFD 3T-3M	3000	1000	10	194	129	160	457	413	58	860,–	965-132H	235,–	963-132H	650,–
HFD 6T-3M	6000	2000	15	194	129	160	518	467	68,3	1050,–	965-132H	235,–	963-132H	650,–
HFD 10T-3M	12000	5000	20	194	129	160	584	521	82,5	1200,–	965-133H	355,–	963-133H	910,–

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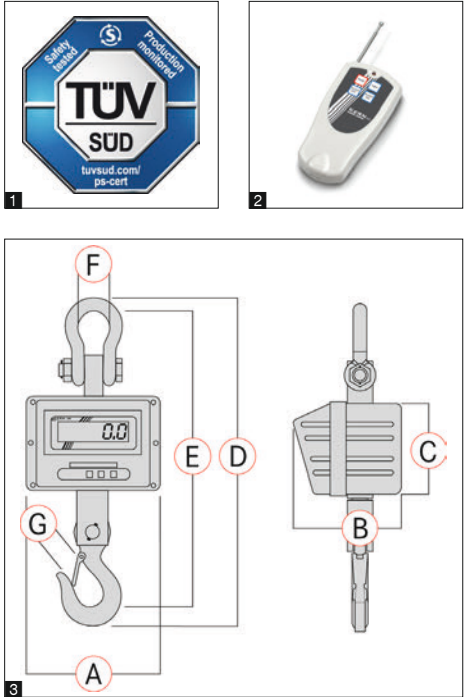
Robust industrial crane scale with bright LED display for optimum reading in unfavourable ambient conditions

Features

- ◼1 With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Professional device for robust applications in production, quality control, logistics etc. Because of its stable construction and robust design, it is ideal for continuous use in industrial environment
- Thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Adaptation of the readout to unstable environmental conditions at the push of a button (you can select between 3 levels)
- Hold function: For easy reading of the weighing result, the display can be "frozen" by pressing the Hold key

- Tare: Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed
- Hook with safety catch, revolving
- ◼2 Radio remote control standard. Range up to 20 m. All functions can be selected (excl. ON/OFF). W×D×H 48×10×95 mm. Batteries included, 12 V, Typ 23A

Technical data

- Superior display size: digit height 30 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Rechargeable battery pack integrated, as standard, operating time up to 50 h without backlight, charging time approx. 14 h
- Precision: 0,2 % of [Max]
- Weighing units: kg
- Permissible ambient temperature 0 °C/40 °C

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STANDARD						OPTION
CAL EXT	ACCU	MULTI	DMS	1 DAY	2 DAYS	DAkkS +3 DAYS
					HFM 10T1	

Model	Weighing capacity [Max]	Readability [d]	Net weight approx.	◼3 Dimensions							Price excl. of VAT ex works	Options DAkkS Calibr. Certificate DAkkS	
				A	B	C	D	E	F	G			
KERN	kg	g	kg	mm	mm	mm	mm	mm	mm	mm	€	KERN	€
HFM 1T0.1	1000	100	14	270	200	175	610	540	68	40	**1010,–**	963-130H	255,–
HFM 3T0.5	3000	500	16	270	200	175	610	540	74	40	**1040,–**	963-132H	650,–
HFM 5T0.5	5000	500	18	300	230	190	730	650	74	55	**1400,–**	963-132H	650,–
HFM 10T1	10000	1000	34	300	230	190	840	750	92	60	**1860,–**	963-133H	910,–

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