



HANGING SCALES, CRANE SCALES

TÜV-tested safety

KERN puts great emphasis on safety. For your safety, all KERN hanging and crane scales are subject to a stringent load test in accordance with EN 13155 and (Non-fixed load lifting attachments/breakage resistance) and EN 61010-1 (Electrical safety).

As well as the classic crane scales, we also have electronic tensile dynamometers which are extremely versatile thanks to their stable, compact construction. They can, for example, be fitted into testing machines, used for checking for overload, for bracing and tensile force measurement, etc.

This type of device is ideally suited for use between shackles or with a test bench. This is where the benefit of this construction comes to the fore, as the tensile force can be applied in both directions. These compact crane scales are also particularly suitable when weighing suspended loads where space is tight.

At the core of this construction is a robust load cell. Through the absence of moving parts, these scales are practical in maintenance and wear free.









Note

**DAkkS calibration and conformity
evaluation for crane scales up to 12 t**

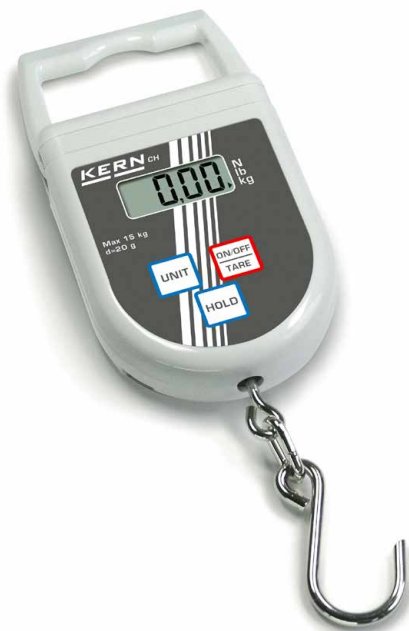


Do you use your crane scales in ISO-certified processes or where verification is mandatory? Then we can produce the right calibration certificate or the relevant Declaration of Conformity for your measuring device. Thanks to a modern crane scale test unit, we can calibrate or verify crane scales and force-measuring devices from any manufacturer to a maximum load of up to 12 t or 120 kN. All the important details see *DAkkS Calibration Service* or directly from one of our test service specialists, we will be pleased to help you.

Quick-Finder Hanging Scales/Crane Scales

Readability	Weighing capacity	Model	Page								
[d] kg	[Max] kg	KERN									
For an explanation on the pictos, see the front flap											
0,005	5	HDB 5K5N	170	1							
0,005	6	HDB 6K-3XL	170	1							
0,01	10	HDB 10K10N	170	1							
0,01	15	HDB 10K-2XL	170	1							
0,01	20	HCB 20K10	171	1							
0,02	15	CH 15K20	169	1							
0,02	30	HDB 30K-2XL	170	1							
0,02	50	HCB 50K20	171	1							
0,02	60	HCD 60K-2	173	1							
0,02 0,05	60 150	HCD 100K-2D	173	1							
0,05	50	CH 50K50	169	1							
0,05	99	HCB 99K50	171	1							
0,05	150	HCD 100K-2	173	1							
0,05 0,1	150 300	HCD 300K-2D	173	1							
0,05 0,1 0,2	150 300 600	HFD 600K-1	176	1							
0,05 0,1 0,2	150 300 600	HFD 600K-1IP	176	1							
0,1	50	CH 50K100	169	1							
0,1	50	HCB 50K100	171	1							
0,1	50	HCN 50K100IP	172	1							
0,1	200	HCB 200K100	171	1							
0,1	300	HCD 300K-1	173	1							
0,1	1000	HFM 1T0.1	180	1							
0,1 0,2 0,5	300 600 1500	HFD 1T-4	176	1							
0,1 0,2 0,5	300 600 1500	HFD 1T-4IP	176	1							
0,2	100	HCB 100K200	171	1							
0,2	100	HCN 100K200IP	172	1							
0,2	600	HFA 600K-1	174	1							
0,2	600	HFD 600K-1M	176	1							
0,2	600	HFC 600K-1	175	1							
0,2 0,5 1	600 1500 3000	HFD 3T-3	176	1							
0,2 0,5 1	600 1500 3000	HFD 3T-3IP	176	1							
0,5	200	HCB 200K500	171	1							
0,5	200	HCN 200K500IP	172	1							
0,5	1000	HFA 1T-4	174	1							
0,5	1000	HFC 1T-4	175	1							
0,5	1500	HFD 1T-4M	176	1							
0,5	3000	HFM 3T0.5	180	1							
0,5	5000	HFM 5T0.5	180	1							
0,5 1 2	1500 3000 6000	HFD 6T-3	176	1							
0,5 1 2	1500 3000 6000	HFD 6T-3IP	176	1							
1	500	HCB 0.5T-3	171	1							
1	3000	HFA 3T-3	174	1							
1	3000	HFD 3T-3M	176	1							
1	3000	HFC 3T-3	175	1							
1	10000	HFM 10T1	180	2**							
1 2 5	3000 6000 12000	HFD 10T-3	176	1							
1 2 5	3000 6000 12000	HFD 10T-3IP	176	1							
2	1000	HCB 1T-3	171	1							
2	5000	HFA 5T-3	174	1							
2	5000	HFC 5T-3	175	1							
2	6000	HFD 6T-3M	176	1							
5	10000	HFA 10T-3	174	1							
5	10000	HFC 10T-3	175	1							
5	12000	HFD 10T-3M	176	1							

** Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs ● Standard ○ Option



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

STANDARD

CAL EXT

UNIT

MOVE

BATT

DMS

1 DAY

OPTION

DAkks

+3 DAYS

Model	Weighing capacity	Readability	Options
	[Max]	[d]	DAkks Calibr. Certificate
KERN	kg	g	DAkks KERN
CH 15K20	15	20	963-128H
CH 50K50	50	50	963-128H
CH 50K100	50	100	963-128H



KERN HDB

KERN HDB-XL



User-friendly hanging scale for rapid, mobile weighing

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)
- 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

- **2** Tare pan with pan beam, Max. load 30 kg, details see *Accessories*, KERN CH-A01N

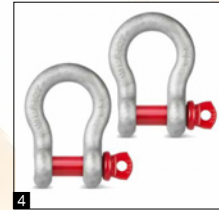
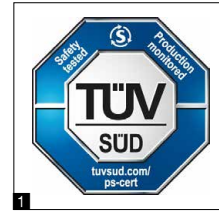
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STANDARD

OPTION

+3 DAYS

Model	Weighing capacity	Readability	Dimensions	Net weight	Options
	[Max] kg	[d] g	W×D×H mm	approx. kg	DAkKS Calibr. Certificate DAkKS KERN
KERN					
HDB 5K5N	5	5	72×25×188	0,20	963-127H
HDB 10K10N	10	10	72×25×188	0,20	963-128H
High-capacity XL-version					
HDB 6K-3XL	6	5	101×25×203	0,25	963-128H
HDB 10K-2XL	15	10	101×25×203	0,25	963-128H
HDB 30K-2XL	30	20	101×25×211	0,25	963-128H



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 laquered cast steel, not rotatable, scope of delivery: 2 shackles, 1 connecting link, 1 hook, KERN YHA-06
- **4** High-strength shackle, hot-dipped galvanised cast steel bracket, curved edge. Scope of delivery: 2 shackles, KERN YSC-04

Suitable for all models with [Max] ≤ 200 kg

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

Suitable for model HCB 20K10

- **5** Tare pan with pan beam, Max. load 30 kg, details see *Accessories*, KERN CH-A01N

STANDARD



OPTION



Model	Weighing capacity	Readability	Dimensions housing W×D×H mm	Net weight	Options DAKKS Calibr. Certificate DAKKS KERN
	[Max] kg	[d] g		approx. kg	
KERN					
HCB 20K10	20	10	82×43×153	0,30	963-128H
HCB 50K20	50	20	82×43×153	0,30	963-128H
HCB 50K100	50	100	82×43×153	0,30	963-128H
HCB 99K50	99	50	82×43×153	0,30	963-129H
HCB 100K200	100	200	82×43×153	0,30	963-129H
HCB 200K100	200	100	82×43×153	0,30	963-129H
HCB 200K500	200	500	82×43×153	0,30	963-129H
HCB 0.5T-3	500	1000	82×43×153	0,40	963-130H
HCB 1T-3	1000	2000	82×48×153	0,60	963-130H



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
- 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

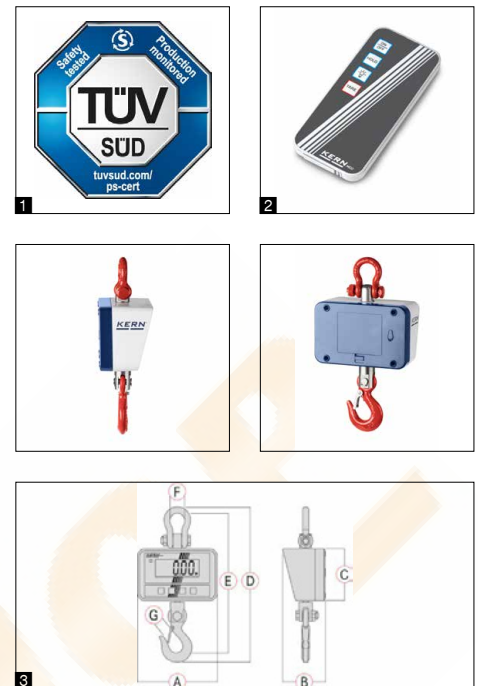
- Snap link (stainless steel) with safety catch, opening approx. 13 mm, KERN HCB-A01
- Hook (stainless steel), opening approx. 29 mm, KERN HCB-A02

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STANDARD

OPTION

Model	Weighing capacity	Readability	Options
			DAkks Calibr. Certificate DAkks KERN
KERN	[Max] kg	[d] g	
HCN 50K100IP	50	100	963-128H
HCN 100K200IP	100	200	963-129H
HCN 200K500IP	200	500	963-129H



High-resolution crane scale for loads up to 300 kg

Features

- 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
- High mobility: Thanks to battery operation/rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)
- 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
- Infrared remote control standard, range up to 20 m, W×D×H 65×24×100 mm, batteries included

Technical data

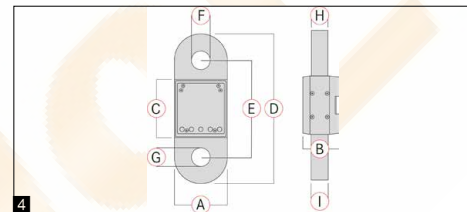
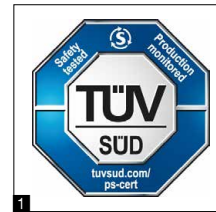
- Backlit LCD display, digit height 28 mm
- Ready for use: Batteries standard, 4×1.5 V AA, operating time approx. 100 h
- Precision: 0,2 % of [Max]
- Weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/40 °C

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



Model	Weighing capacity [Max]	Readability [d]	Net weight approx.	3 Dimensions							Options	
				A	B	C	D	E	F	G	DAkKS Calibr. Certificate	DAkKS KERN
	kg	g	kg	mm	mm	mm	mm	mm	mm	mm		
KERN												
HCD 60K-2	60	20	1,2	150	79,3	97,7	276,1	246,5	26	18	963-129H	
HCD 100K-2	150	50	1,2	150	79,3	97,7	276,1	246,5	26	18	963-129H	
HCD 300K-1	300	100	1,2	150	79,3	97,7	276,1	246,5	26	18	963-129H	
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	963-129H	
HCD 300K-2D	150 300	50 100	1,2	150	79,3	97,7	276,1	246,5	26	18	963-129H	



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

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, on building sites, in freight centres, ports etc.
- 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

- **2** 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
[Max] = 10 t: KERN YSC-02
- **3** 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
[Max] = 3 t: KERN YHA-02
[Max] = 5 t: KERN YHA-03
[Max] = 10 t: KERN YHA-04

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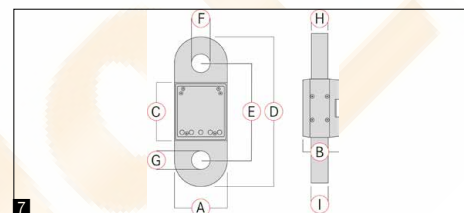
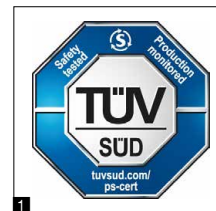
STANDARD



OPTION



Model	Weighing capacity	Readability	Net weight	4 Dimensions									Options
				A	B	C	D	E	F	G	H	I	
KERN	[d] kg	[d] g	approx. kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	DAKKS Calibr. Certificate DAKKS KERN
HFA 600K-1	600	200	1,8	90	62	100	255	165	32	32	30	30	963-130H
HFA 1T-4	1000	500	1,8	90	62	100	255	165	32	32	30	30	963-130H
HFA 3T-3	3000	1000	2,0	90	62	100	255	165	32	32	30	30	963-132H
HFA 5T-3	5000	2000	4,0	90	62	100	255	165	30	30	30	30	963-132H
HFA 10T-3	10000	5000	6	90	72	100	275	185	40	40	40	40	963-133H



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, on building sites, in freight centres, ports etc.
- 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 delivery, 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
[Max] = 10 t: KERN YSC-02
- 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
[Max] = 3 t: KERN YHA-02
[Max] = 5 t: KERN YHA-03
[Max] = 10 t: KERN YHA-04

STANDARD



OPTION



Model	Weighing capacity	Readability	Net weight	7 Dimensions									Options	
				A	B	C	D	E	F	G	H	I	DAkkS Calibr. Certificate	
KERN	[d] kg	[d] g	approx. kg	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	DAkkS KERN	
HFC 600K-1	600	200	1,8	90	62	100	255	165	32	32	30	30	963-130H	
HFC 1T-4	1000	500	1,8	90	62	100	255	165	32	32	30	30	963-130H	
HFC 3T-3	3000	1000	2,2	90	62	100	255	165	32	32	30	30	963-132H	
HFC 5T-3	5000	2000	4,0	90	62	100	255	165	30	30	30	30	963-132H	
HFC 10T-3	10000	5000	6	90	72	100	275	185	40	40	40	40	963-133H	



KERN HFD/HFD-IP

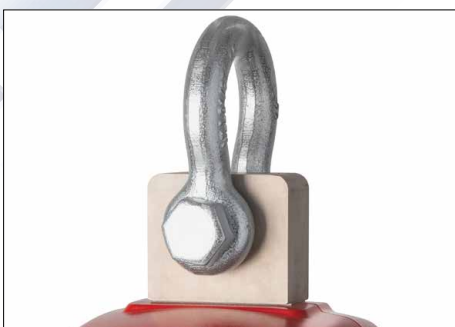


KERN HFD-M

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



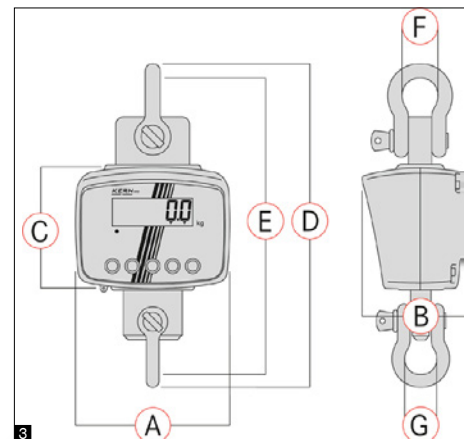
High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)



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



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)
- 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
- **2** Hook with safety catch, cast steel, galvanised and lacquered, non-revolving, suitable for models [Max] ≤ 1t: KERN HFD-A01
[Max] = 3t: KERN HFD-A02
[Max] ≥ 6t: KERN HFD-A03
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, KERN HFD-A06

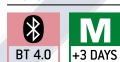
STANDARD



OPTION



FACTORY



Model	Weighing capacity			Readability		Net weight ca. kg	3 Dimensions						Verification	Options	
	[Max] kg	[d] g		[d] g			A mm	B mm	C mm	D mm	E mm	F = G mm		DAKKS Calibr.	Certificate
KERN													KERN	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	-	-	-	-	963-130H	
HFD 1T-4	300 600 1500	100 200 500	9	194	129	160	422	384	50,8	-	-	-	-	963-130H	
HFD 3T-3	600 1500 3000	200 500 1000	10	194	129	160	457	413	58	-	-	-	-	963-132H	
HFD 6T-3	1500 3000 6000	500 1000 2000	15	194	129	160	518	467	68,3	-	-	-	-	963-132H	
HFD 10T-3	3000 6000 12000	1000 2000 5000	22	194	129	160	584	521	82,5	-	-	-	-	963-133H	
Protection against dust and water splashes IP67															
HFD 600K-1IP	150 300 600	50 100 200	9	194	129	160	422	384	50,8	-	-	-	-	963-130H	
HFD 1T-4IP	300 600 1500	100 200 500	9	194	129	160	422	384	50,8	-	-	-	-	963-130H	
HFD 3T-3IP	600 1500 3000	200 500 1000	10	194	129	160	457	413	58	-	-	-	-	963-132H	
HFD 6T-3IP	1500 3000 6000	500 1000 2000	15	194	129	160	518	467	68,3	-	-	-	-	963-132H	
HFD 10T-3IP	3000 6000 12000	1000 2000 5000	22	194	129	160	584	521	82,5	-	-	-	-	963-133H	
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	965-130H			963-130H		
HFD 1T-4M	1500	500	9	194	129	160	422	384	50,8	965-130H			963-130H		
HFD 3T-3M	3000	1000	10	194	129	160	457	413	58	965-132H			963-132H		
HFD 6T-3M	6000	2000	15	194	129	160	518	467	68,3	965-132H			963-132H		
HFD 10T-3M	12000	5000	20	194	129	160	584	521	82,5	965-133H			963-133H		

180 YEARS

since 1844

KERN & SOHN



THE STORY CONTINUES

Even after 180 or 250 years, time doesn't stand still for the company's story – and even today, KERN is already setting its course for tomorrow. A glimpse into the future:


The range continues to grow

As we have done in recent years we will continue to expand our range of products and services thanks to our knowledgeable colleagues. Our workforce has already more than doubled. In addition to our headquarters in Balingen, we will be opening a second site in Southern Germany with a high-bay warehouse. International customers will also be supported by several European branches.

Even more accurate, more compact and more flexible

Thanks to technological advances, our balances and measuring devices achieve ever higher resolution and measuring accuracy. Many of them have also become more compact and can be used in a flexible way in different environments. Networking has long since become reality and is an essential feature for the future. Measuring and weighing systems communicate with each other and exchange data in real time with other systems, such as ERP systems. In this way they make a contribution to controlling processes automatically and highly efficiently, as well as being able to detect errors long before the costs explode. At the same time, staff shortages do not pose a problem either.





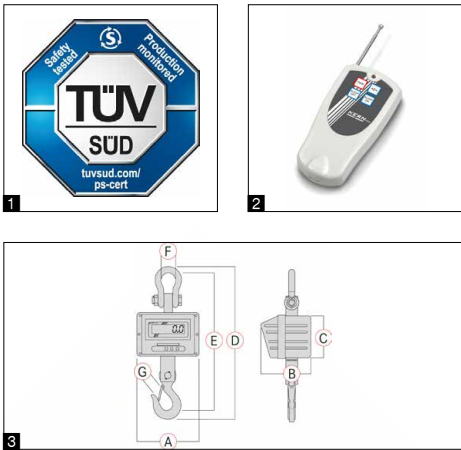
Software is the key to success

Our software division has become an important driver in terms of company development and will also be expanded in the future. Measuring and weighing software which has been tailored to particular industries will simplify and speed up measuring processes. It also supports our customers by analysing data automatically, detecting patterns and identifying anomalies. This enables our customers to make accurate predictions and thus improve their decision-making processes.

Is this all still just a dream? No.

The developments outlined here are already coming through. Our plans for a new company site have gone way beyond a mere vision. This also applies to technological development. Come and be amazed by KERN.

Our story started over 180 years ago and it continues to move forward. Go back to page 6/7 to find out more about our history and read more about today's generation of KERN on page 82/83.



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

Features

- 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
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)
- 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
- 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, for easy reading of weighing results
- Internal rechargeable battery pack included with the delivery, operating time up to 50 h, 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

HFM 10T1

Model	Weighing capacity [Max] kg	Readability [d] g	Net weight ca. kg	3 Dimensions							Options	
				A mm	B mm	C mm	D mm	E mm	F mm	G mm	DAkKS Calibr. Certificate	DAkKS KERN
KERN HFM 1T0.1	1000	100	14	270	200	175	610	540	68	40	963-130H	
HFM 3T0.5	3000	500	16	270	200	175	610	540	74	40	963-132H	
HFM 5T0.5	5000	500	18	300	230	190	730	650	74	55	963-132H	
HFM 10T1	10000	1000	34	300	230	190	840	750	92	60	963-133H	