

TRADITION AND INNOVATION – 169 YEARS OF KERN

Independent and family-run, KERN is already in its 6th generation and is synonymous with quality and reliability in customer service.

FAST

- 24 hours delivery service – order today, on its way tomorrow
- Sales & service hotline from 8:00 am to 6:00 pm

COMPETENT

- DKD accreditation (DIN EN ISO/IEC 17025)
- QM system (DIN EN ISO 9001:2008)
- Initial verification by the manufacturer (2009/23/ECC)
- Medical (DIN EN ISO 13485 & 93/42/EWG)

RELIABLE

- 2+ years warranty
- Precision in weighing technology for the last 169 years

DIVERSE

- One-stop shopping: from pocket balances through to floor scales – everything from one supplier
- Find the balance you want in no time with the „Balance Quick-Finder“



KERN – Professional measuring.

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HANGING SCALES / CRANE SCALES



GB

2013

13 Hanging scales / crane scales

KERN Model		Page
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Your KERN product specialist will be happy to help:

Julia Kostjuk
Product specialist
Hanging scales / crane scales

Quick-Finder

■ = Standard □ = Option

Read-out	Weighing range	Model		Page	 DAYS ready for shipping	 M	 CAL EXT	 MEMORY	 MOVE	 IP	 INOX	 ACCU	 BATT
d	Max	KERN				For an explanation of the symbols, see the flap of the envelope							
5 g	5 kg	HDB 5K5N		123	1		■		■				■
10 g	10 kg	HDB 10K10N		123	1		■		■				■
10 g	20 kg	HCB 20K10		124	1		■		■				■
20 g	15 kg	CH 15K20		123	1				■				■
20 g	50 kg	HCB 50K20		124	1		■		■				■
50 g	20 kg	HCB 20K50		124	1		■		■				■
50 g	20 kg	HCN 20K50IP		124	1		■		■	■	■		■
50 g	50 kg	CH 50K50		123	1				■				■
50 g	99 kg	HCB 99K50		124	1		■		■				■
50 g	150 kg	HFB 150K50		125	1		■					■	
50 g	150 kg	HUS 150K50		126	1		■					■	
100 g	50 kg	CH 50K100		123	1				■				■
100 g	50 kg	HCB 50K100		124	1		■		■				■
100 g	50 kg	HCN 50K100IP		124	1		■		■	■	■		■
100 g	200 kg	HCB 200K100		124	1		■		■				■
100 g	300 kg	HFB 300K100		125	1		■					■	
100 g	300 kg	HUS 300K100		126	1		■					■	
100 g	1 t	HFM 1T0.1		128	1		■					■	
200 g	100 kg	HCB 100K200		124	1		■		■				■
200 g	100 kg	HCN 100K200IP		124	1		■		■	■	■		■
200 g	600 kg	HFB 600K200		125	1		■					■	
200 g	600 kg	HUS 600K200		126	1		■					■	
500 g	200 kg	HCB 200K500		124	1		■		■				■
500 g	200 kg	HCN 200K500IP		124	1		■		■	■	■		■
500 g	1 t	HUM 1000K500		127	1		■					■	
500 g	3 t	HFM 3T0.5		128	1		■					■	
500 g	5 t	HFM 5T0.5		128	1		■					■	
1000 g	3 t	HUM 3000K1000		127	1		■					■	
1000 g	10 t	HFM 10T1		128	1		■					■	

Hanging scales KERN HDB-N · CH



KERN HDB-N



KERN CH



Convenient, economical and always handy

Features

- Ideal for rapid checking in goods receiving and shipping
- Also essential in the private sector for determining the weight of fish, game, fruits, bicycle parts, cases etc.
- **Data hold function:** For easy reading of the weight, the display can be „frozen“ in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key

Technical data

HDB-N:

- **Hook (stainless steel)**, can be hinged
- **Ready for use:** Batteries included, 2 x 1.5 V AAA, operating time approx. 180 h, AUTO-OFF function to preserve the battery, Pallet truck scale with removable battery, alternatively with piece-counting function (VHT) or EC type approval (VHM) can be switched off
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C / 35 °C

CH:

- **Hook (stainless steel)**
- **1 Tape measure**, extractable, length approx. 100 cm
- **Peak load display** (peak hold), measuring frequency 5 Hz
- **Ready for use:** 9 V Block included, operating time approx. 20 h. AUTO-OFF function to preserve the batteries, can be switched off
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C / 35 °C

STANDARD

CAL EXT

UNIT

MOVE

BATT

DMS

1 DAY

2 YEARS WARRANTY

OPTION

DKD +3 DAYS

Model	Weighing range [Max] kg	Read-out [d] g	LCD display, digit height mm	Dimensions housing WxDxH mm	Height with hook mm	Net weight approx. kg	Option	
							DKD Calibr. Certificate	
KERN							DKD KERN	
HDB 5K5N	5	5	12	70x25x105	195	0,15	963-127	
HDB 10K10N	10	10	12	70x25x105	195	0,15	963-128	
CH 15K20	15	20	11	90x30x175	270	0,25	963-128	
CH 50K50	50	50	11	90x30x175	270	0,25	963-128	
CH 50K100	50	100	11	90x30x175	270	0,25	963-128	

Hanging scales KERN HCB · HCN



KERN HCB



KERN HCN



The handy scales for higher loads, also with IP65

Features

- Ideal for rapid checking in goods receiving and shipping
- Also essential in the private sector for determining the weight of fish, game, fruits, bicycle parts, cases etc.
- **Data hold function:** For easy reading of the weight, 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

Technical data

- LCD display, digit height 12 mm

HCB:

- **Ready for use:** 3 x 1.5 V AA standard, operating time approx. 300 h

HCN:

- Housing stainless steel, IP65 protection
- **Second display** on the rear of the balance
- **Ready for use:** batteries (2 x 1.5 V AA) standard, operating time approx. 200 h

Accessories

- **Hook (stainless steel)** standard, aperture approx. 25 mm, can be reordered, KERN HCB-A02
- **Snap link (stainless steel) with safety catch** standard, aperture approx. 15 mm, can be reordered, KERN HCB-A01

STANDARD

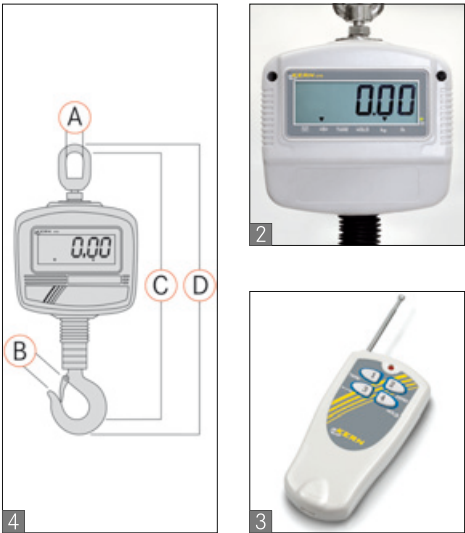


OPTION



Model	Weighing range [Max] kg	Read-out [d] g	Dimensions housing WxDxH mm	Height with snap link and hook mm	Net weight approx. kg	Option	
						DKD Calibr. Certificate	
KERN						DKD	
HCB 20K10	20	10	80x45x150	290	0,4	963-128	
HCB 50K20	50	20	80x45x150	290	0,4	963-128	
HCB 20K50	20	50	80x45x150	290	0,4	963-128	
HCB 99K50	99	50	80x45x150	290	0,4	963-129	
HCB 50K100	50	100	80x45x150	290	0,4	963-128	
HCB 100K200	100	200	80x45x150	290	0,4	963-129	
HCB 200K100	200	100	80x45x150	290	0,4	963-129	
HCB 200K500	200	500	80x45x150	290	0,4	963-129	
stainless steel							
HCN 20K50IP	20	50	95x55x175	315	0,8	963-128	
HCN 50K100IP	50	100	95x55x175	315	0,8	963-128	
HCN 100K200IP	100	200	95x55x175	315	0,8	963-129	
HCN 200K500IP	200	500	95x55x175	315	0,8	963-129	

Crane scale KERN HFB



The professional alternative up to 600 kg with rear-facing second display

Features

- 1 With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments) and EN 61010-1 (Electrical safety)
- 3 **Radio remote control** standard. Range approx. 20 m. All functions can be selected (excl. ON/OFF). WxDxH 48x10x95 mm. Batteries included (2 x 1,5 V AAA)
- High mobility:** thanks to battery operation, compact construction and low weight, it is suitable for use in several locations (production, warehouse, dispatch department, ...)
- 2 **Second display** on the rear of the balance
- Hook with safety catch**, revolving

- Shackle and hook connection made of nickel-plated steel
- Adjusting program CAL**, external test weights at an additional price, see page 133
- Rechargeable battery pack internal**, standard, operating time approx. 40 h, charging time approx. 14 h with mains adapter, charge indicator visual using LED
- Data hold function:** When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed
- Tare:** Resets the display to „0“ when there is a load on the scale. Now removed or added loads are directly displayed

Technical data

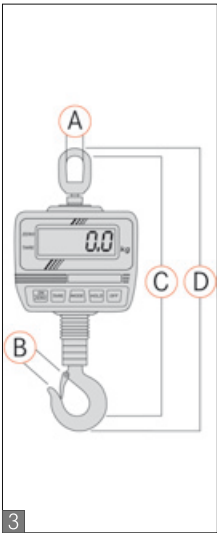
- Superior display size: digit height 25 mm. Bright backlight for easy reading of weight, even from a distance
- Dimensions housing WxDxH 163x126x158.5 mm
- Precision: 0.2 % from [Max]
- Permissible ambient temperature 0 °C / 40 °C

STANDARD

OPTION

Model	Weighing range [Max] kg	Read-out [d] g	Net weight approx. kg	4 Dimensions				Option	
				A	B	C	D	DKD Calibr. Certificate	
				mm	mm	mm	mm	DKD KERN	
HFB 150K50	150	50	3,2	26	25	358	390	963-129	
HFB 300K100	300	100	3,2	26	25	358	390	963-129	
HFB 600K200	600	200	3,2	26	25	358	390	963-130	

Crane scale KERN HUS



Compact up to 600 kg

Features

- With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments) and EN 61010-1 (Electrical safety)
- Hook with safety catch**, forged steel, nickel-plated, revolving
- Loop forged steel**, nickel-plated
- Adjusting program CAL**, external test weights at an additional price, see page 133
- Rechargeable battery pack internal**, standard, operating time approx. 120 h, charging time approx. 8 h (internal charging with mains adapter). Selectable: AUTO-OFF function or permanent operation. Charge condition indicator using three-colour LED

- Infrared remote control** standard. Range approx. 2,5 m. All functions can be selected. WxDxH 120x60x15 mm. Batteries included, 2 x 1,5 V AAA
- Data hold function**: When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed
- Tare**: Resets the display to „0“ when there is a load on the scale. Now removed or added loads are directly displayed

Technical data

- Backlit LCDdisplay, digit height 23 mm
- Dimensions housing WxDxH mm
- Total height from loop to hook 380 mm (KERN HUS 600K200: 400 mm)
- Precision: 0.2 % from [Max]
- Net weight approx. 4 kg
- Permissible ambient temperature 0 °C / 40 °C

13

STANDARD

CAL EXT

ACCU

230 V

DMS

1 DAY

2 YEARS WARRANTY

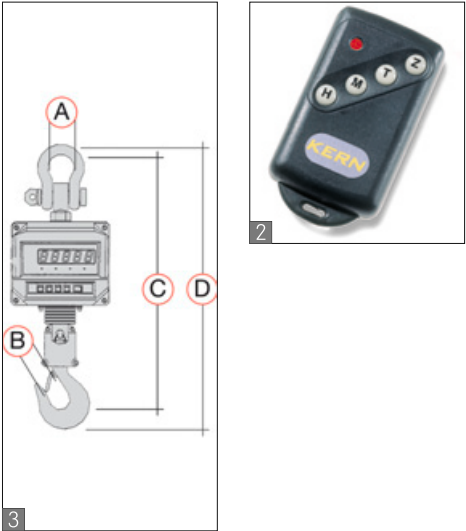
OPTION

DKD +3 DAYS

Model	Weighing range [Max] kg	Read-out [d] g	3 Dimensions				Option DKD Calibr. Certificate	DKD KERN	
			A	B	C	D			
			mm	mm	mm	mm			
KERN HUS 150K50	150	50	24	14	330	380		963-129	
HUS 300K100	300	100	24	14	330	380		963-129	
HUS 600K200	600	200	24	14	350	400		963-130	

ONLY WHILE STOCKS LAST

Crane scale KERN HUM



Ideal for the industry, up to 3 t

Features

- With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments) and EN 61010-1 (Electrical safety)
- **Robust metal housing**
- **Hook with safety catch**, revolving
- **Adjusting program CAL**, external test weights at an additional price, see page 133
- **Rechargeable battery pack internal**, standard, operating time approx. 80 h, charging time approx. 8 h (internal charging with mains adapter). Selectable: AUTO-OFF function or permanent operation

- **Data hold function:** When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed
- **Tare:** Resets the display to „0“ when there is a load on the scale. Now removed or added loads are directly displayed
- **Radio remote control** standard. Range approx. 25 m. All functions can be selected (excl. ON/OFF). WxDxH 65x40x15 mm. Batteries included (1x12 V 23 A)

Technical data

- Luminescent LED Segmente display, digit height 25 mm
- Precision: 0.2 % from [Max]
- Permissible ambient temperature 0 °C / 40 °C

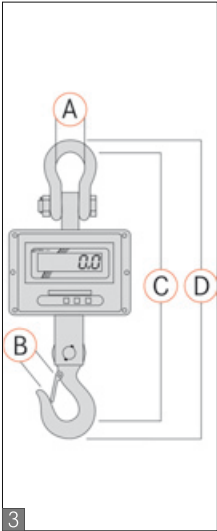
STANDARD

OPTION

Model	Weighing range [Max] kg	Read-out [d] g	Net weight approx. kg	Dimensions housing WxDxH mm	3 Dimensions					Option	
					A	B	C	D		DKD Calibr. Certificate	
					mm	mm	mm	mm			
KERN										DKD KERN	
HUM 1000K500	1000	500	16	210x228x180	56	42	550	620		963-130	
HUM 3000K1000	3000	1000	18	210x228x180	73	45	580	650		-	-

ONLY WHILE STOCKS LAST

Crane scale KERN HFM



High resolution industrial crane scale up to 10 t

Features

Technical data

- With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments) 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 applications
- High mobility:** thanks to battery operation, compact construction and low weight, it is suitable for use in several locations (production, warehouse, dispatch department, ...)
- Adaptation to unstable environmental conditions** by changing the readout
- Hook with safety catch**, revolving
- Rechargeable battery pack internal**, standard, operating time approx. 50 h, charging time approx. 14 h with mains adapter, charge indicator visual using LED
- Adjusting program CAL**, external test weights at an additional price, see page 133 ff.
- Data hold function:** When the weighing value remains unchanged the weight indicated on the display is automatically „frozen“ until the HOLD key is pressed
- Tare:** Resets the display to „0“ when there is a load on the scale. Now removed or added loads are directly displayed
- Radio remote control** standard. Range up to 20 m. All functions can be selected (excl. ON/OFF). WxDxH 48x10x95 mm. Batteries included, 2 x 1,5 V AAA

- Superior display size: digit height 30 mm. Luminescent LED display for easy reading of the weight, even from a distance or in poor lighting conditions
- Precision: 0.2 % from [Max]
- Permissible ambient temperature 0 °C / 40 °C

13

STANDARD

OPTION

Model	Weighing range [Max] kg	Read-out [d] g	Net weight approx. kg	Dimensions housing WxDxH mm	3 Dimensions					Option	
					A	B	C	D		DKD Calibr. Certificate	
					mm	mm	mm	mm		DKD KERN	
HFM 1T0.1	1000	100	15	270x175x200	80	40	540	610		963-130	
HFM 3T0.5	3000	500	16,5	270x175x200	75	50	540	610		on request	
HFM 5T0.5	5000	500	25	300x190x230	75	50	650	730		on request	
HFM 10T1	10000	1000	37	300x190x230	100	60	750	840		on request	