

Standard



Adjusting program (CAL): for quick setting of the balance's accuracy. External adjusting weight required.



Tare: put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.

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The practical solution -
up to 200 kg

KERN HCB
Hanging scale

KERN MH·CH

Accessories:



Angle bracket,
KERN CH-A03

Strap, length 375 mm,
width 35 mm,
KERN CH-A04



Pan beam, approx. 400 g,
beam height 390 mm,
KERN CH-A02

Tare pan, approx. 300 g,
Ø 290 mm x 45 mm,
KERN CH-A01

Snap link
stainless steel, standard,
with safety catch, aperture
15 mm.
Can be reordered any time,
KERN HCB-A01



Adjustment program CAL
external test weights
additional price

Data hold function
the display can be "frozen"
for 5 sec by pressing the
HOLD-key



Ready for use
batteries size AA (3x 1,5 V)
included. AUTO-OFF function
after 3 min without a change
of load to preserve the
battery. Operating time
approx. 300 h

S-hook
stainless steel, standard.
aperture approx. 25 mm.
Can be reordered any time,
HCB-A02



STANDARD



Delivery
1 day

2
years
Warranty

OPTION
DKD
Certificate
+5 days

New models

Model	Read-out d g	Weighing range Max kg	OPTION Certificate DKD for balances, see p. 75 KERN
KERN			
HCB 20K50	50	20	963-128
HCB 50K100	100	50	963-128
HCB 100K200	200	100	963-129
HCB 200K500	500	200	963-129
	Fine range		
HCB 20K10	10	20	963-128
HCB 50K20	20	50	963-128
HCB 99K50	50	99	963-129
HCB 200K100	100	200	963-129

Casing WxDxH 80x45x150 mm. Net weight approx. 400 g.
total height with snap link and S-hook 290 mm.
LCD display, digit height 12 mm.



KERN - Your DKD Calibration Partner



issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.



KERN is manufacturer of test weights in the international classes of accuracy E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg



DKD = German
Calibration
Service

Your specialist dealer

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Measurement data	HCB 20K50	HCB 50K100	HCB 100K200	HCB 200K500
Reproducibility	50g	100g	200g	500g
Linearity	+/-100g	+/-200g	+/-400g	+/-1000g
Stabilisation time (s)	2	2	2	2
Sensitivity drift (°C)	10*10 ⁻⁶	10*10 ⁻⁶	10*10 ⁻⁶	10*10 ⁻⁶
Verification data				
Verification class	-	-	-	-
Verification value	-	-	-	-
Minimum load	-	-	-	-
Verification in the factory possible	-	-	-	-
Ambient conditions				
Permissible temperature	+10... +30°C	+10... +30°C	+10... +30°C	+10... +30°C
Permissible humidity	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)
Piece counting				
Minimum weight	-	-	-	-
Reference quantity	-	-	-	-
Basic equipment				
Protective working cover	-	-	-	-
Accumulator	-	-	-	-
Battery-supply	3 x 1,5V, size AA, 300h operation time	3 x 1,5V, size AA, 300h operation time	3 x 1,5V, size AA, 300h operation time	3 x 1,5V, size AA, 300h operation time
Auto-Off	After 3min	After 3min	After 3min	After 3min
Stand-by	-	-	-	-
Mains adapter	Battery	Battery	Battery	Battery
Filter steps	-	-	-	-
Type of balance display	LCD	LCD	LCD	LCD
Digit height of balance display	12mm	12mm	12mm	12mm
Levelling feet, level indicator	-	-	-	-
Weighing units	kg	kg	kg	kg
Freely programmable weighing units	-	-	-	-
Internal adjusting weight	-	-	-	-
External test weight, included	-	-	-	-
Recommended adjusting weight	10kg (M3)	20kg (M3)	50kg (M3)	50kg (M3)
Explosion protection	-	-	-	-
Dimensions / materials / weights				
Dim. of weighing plate (WxDxH / Ø, mm)	-	-	-	-
Dimensions of terminal (WxDxH, mm)	-	-	-	-
Dimensions of casing (WxDxH, mm)	150x80x45 (without hook)	150x80x45 (without hook)	150x80x45 (without hook)	150x80x45 (without hook)
Material of casing	Plastic	Plastic	Plastic	Plastic
Dim. of draught guard (WxDxH / ØxH, mm)	-	-	-	-
Material of draught guard	-	-	-	-
Dimensions of packaging (WxDxH, mm)	200x120x70	200x120x70	200x120x70	200x120x70
Gross weight (kg)	1	1	1	1
Net weight (kg)	0,4	0,4	0,4	0,4

Important notes:

- Our balances are **not suitable** for use in areas of high humidity or where there is a danger of explosion for models with protection class < IP 65.
- All relevant electrical regulations must be observed.

Measurement data	HCB 20K10	HCB 50K20	HCB 99K50	HCB 200K100
Reproducibility	10g	20g	50g	100g
Linearity	+/-20g	+/-40g	+/-100g	+/-200g
Stabilisation time (s)	2	2	2	2
Sensitivity drift (°C)	10*10 ⁻⁶	10*10 ⁻⁶	10*10 ⁻⁶	10*10 ⁻⁶
Verification data				
Verification class	-	-	-	-
Verification value	-	-	-	-
Minimum load	-	-	-	-
Verification in the factory possible	-	-	-	-
Ambient conditions				
Permissible temperature	+10... +30°C	+10... +30°C	+10... +30°C	+10... +30°C
Permissible humidity	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)
Piece counting				
Minimum weight	-	-	-	-
Reference quantity	-	-	-	-
Basic equipment				
Protective working cover	-	-	-	-
Accumulator	-	-	-	-
Battery-supply	3 x 1,5V, size AA, 300h operation time	3 x 1,5V, size AA, 300h operation time	3 x 1,5V, size AA, 300h operation time	3 x 1,5V, size AA, 300h operation time
Auto-Off	After 3min	After 3min	After 3min	After 3min
Stand-by	-	-	-	-
Mains adapter	Battery	Battery	Battery	Battery
Filter steps	-	-	-	-
Type of balance display	LCD	LCD	LCD	LCD
Digit height of balance display	12mm	12mm	12mm	12mm
Levelling feet, level indicator	-	-	-	-
Weighing units	kg	kg	kg	kg
Freely programmable weighing units	-	-	-	-
Internal adjusting weight	-	-	-	-
External test weight, included	-	-	-	-
Recommended adjusting weight	10kg (M2)	20kg (M2)	50kg (M2)	100kg (M2)
Explosion protection	-	-	-	-
Dimensions / materials / weights				
Dim. of weighing plate (WxDxH / Ø, mm)	-	-	-	-
Dimensions of terminal (WxDxH, mm)	-	-	-	-
Dimensions of casing (WxDxH, mm)	150x80x45 (without hook)	150x80x45 (without hook)	150x80x45 (without hook)	150x80x45 (without hook)
Material of casing	Plastic	Plastic	Plastic	Plastic
Dim. of draught guard (WxDxH / ØxH, mm)	-	-	-	-
Material of draught guard	-	-	-	-
Dimensions of packaging (WxDxH, mm)	200x120x70	200x120x70	200x120x70	200x120x70
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Net weight (kg)	0,4	0,4	0,4	0,4

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