

Standard

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

PCS **Piece counting:** reference quantities selectable. Display can be switched from piece to weight.

RS 232 **Data interface:** RS 232 C, bidirectional, for connection of printer or PC.

GLP **GLP/ISO record keeping** of weighing data with date, time and ident.-no. Only with printers from KERN.

REZ **Net-total weighing:** weight of tare-cup and weight of components memorized in two separate stores.

% **Percentage determination:** Displays the deviation from the reference weight (100%) in % instead of grammes.

UNIT **UNIT:** Weighing units can be switched to e.g. non-metric units at the touch of a key. See balance model.

U **Underfloor weighing:** load support with hook on the underside of the balance.

230 **Mains adapter:** 230 V / 50 Hz. Standard type D, if requested also available in standard GB, AUS or USA.

Option (addit. price)

AKU **Accu-supply:** rechargeable set.

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

Order Hotline:
Go to back page of catalogue

Delivery 1 day

3 years Warranty

OPTION M Verification +7 days only 573

DKD Certificate +5 days

only 572:
Freely programmable weighing unit e.g. display directly in special units such as the length of thread g/m, paper weight g/m², or similar

Operation step by step via YES/NO dialogue in the display

Test weight included
Option: DKD certificate for the test weight, s. p. 75, KERN 960-477
Balance test software „Balance Cal Light“ for free on website KERN, s. p. 73

PCS **Precise counting**
The automatic reference optimisation gradually improves the average value of the piece weight

AKU only KERN 572:
Rechargeable battery pack, external, approx. 50 h, KERN KS-A01

Protective working cover over key pad and casing standard. Can be reordered any time, KERN 572-A02

Numerical tare deduction for the known container weight. Useful when checking loads



Weighing plate Ø 150 mm with KERN 572-33 and 572-35



Underfloor weighing board, see page 72, KERN 904-101



Standard printer, KERN YKB-01 see page 73



Statistics printer, KERN YKT-01 see page 73

Model	Read-out	Weighing range	Verific. value	Min. load	Repro-ducibility	Linearity	Min. piece weight at piece count.	Weighing plate	OPTION alternative		
									g	g	g
572-33	0,01	1010			0,01	± 0,03	0,03	Ø 150	✓	-	963-127
572-35	0,01	1210			0,01	± 0,03	0,03	Ø 150	✓	-	963-127
572-45	0,1	10100			0,1	± 0,3	0,3	160x200	✓	-	963-128
572-49	0,1	12100			0,1	± 0,3	0,3	160x200	✓	-	963-128
572-57	0,2	20100			0,2	± 0,6	0,6	160x200	✓	-	963-128
Verifiable											1 Verification at the factory
573-46	0,1	6500	1	5	0,1	± 0,2	0,3	160x200	✓	1	963-128
573-52	0,2	13000	2	10	0,2	± 0,4	0,6	160x200	✓	1	963-128

1 Verification at the factory, location of use with post code required. Overall dimensions WxDxH 180x310x90. Net weight approx. 4 kg.

PCS Piece counting with reference 1, 5, 10, 20 pieces.
UNITS Further weighing units: lb, oz, ozt, dwt, tLT, tLH, tLM.

Allrounder e.g. as laboratory, counting or checking balance...

KERN 572·573
Precision balance



Price reduction

New models

sturdy metal casing

Weighing plate stainless steel
160 x 200 mm

STANDARD
only 573 not verified

CAL EXT

PCS

RS 232

only with printer

GLP

REZ

%

UNIT

U

AKU only 572

Your specialist dealer

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Internet: www.kern-sohn.com



Measurement data	572-33	572-35	572-45	572-49
Reproducibility	0,01g	0,01g	0,1g	0,1g
Linearity	+/-0,03g	+/-0,03g	+/-0,3g	+/-0,3g
Stabilisation time (s)	2	2	2	2
Sensity drift (°C)	5*10 ⁻⁶	5*10 ⁻⁶	5*10 ⁻⁶	5*10 ⁻⁶
Verification data				
Verification class	-	-	-	-
Verification value	-	-	-	-
Minimum load	-	-	-	-
Verification in the factory possible	-	-	-	-
Ambient conditions				
Permissible temperature	+10... +40°C	+10... +40°C	+10... +40°C	+10... +40°C
Permissible humidity	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)
Piece counting				
Minimum weight	0,03g	0,03g	0,3g	0,3g
Reference quantity	1, 5, 10, 20	1, 5, 10, 20	1, 5, 10, 20	1, 5, 10, 20
Basic equipment				
Protective working cover	Yes	Yes	Yes	Yes
Accumulator	Option: external, 50h operation time, 9h charging time	Option: external, 50h operation time, 9h charging time	Option: external, 50h operation time, 9h charging time	Option: external, 50h operation time, 9h charging time
Battery-supply	-	-	-	-
Auto-Off	Selectable: after 3min	Selectable: after 3min	Selectable: after 3min	Selectable: after 3min
Stand-by	Yes	Yes	Yes	Yes
Mains adapter	230V/50Hz (EURO)	230V/50Hz (EURO)	230V/50Hz (EURO)	230V/50Hz (EURO)
Filter steps	5	5	5	5
Type of balance display	LCD	LCD	LCD	LCD
Digit height of balance display	14mm	14mm	14mm	14mm
Levelling feet, level indicator	-	-	-	-
Weighing units	g, kg, ct, lb, oz, ozt, tLH, tLM, tLS, tLT, gn, dwt, o, TL, mo, t, m, b	g, kg, ct, lb, oz, ozt, tLH, tLM, tLS, tLT, gn, dwt, o, TL, t, m, b	g, kg, lb, oz, ozt, tLH, tLM, tLS, tLT, gn, dwt, o, TL, mo, t, m, b	g, kg, lb, oz, ozt, tLH, tLM, tLS, tLT, gn, dwt, o, TL, mo, t, m, b
Freely programmable weighing units	Yes	Yes	Yes	Yes
Internal adjusting weight	-	-	-	-
External test weight, included	500g (M1)	500g (M1)	5000g (M1)	5000g (M1)
Recommended adjusting weight	-	-	-	-
Explosion protection	-	-	-	-
Dimensions / materials / weights				
Dim. of weighing plate (WxDxH / Ø, mm)	150	150	160x200	160x200
Dimensions of terminal (WxDxH, mm)	-	-	-	-
Dimensions of casing (WxDxH, mm)	180x310x85	180x310x85	180x310x85	180x310x85
Material of casing	Metal	Metal	Metal	Metal
Dim. of draught guard (WxDxH / ØxH, mm)	-	-	-	-
Material of draught guard	-	-	-	-
Dimensions of packaging (WxDxH, mm)	400x340x220	400x340x220	400x340x220	400x340x220
Gross weight (kg)	4,3	4,3	9,4	9,4
Net weight (kg)	2,2	2,2	2,6	2,6

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	572-57	573-46	573-52
Reproducibility	0,2g	0,1g	0,2g
Linearity	+/-0,6g	+/-0,2g	+/-0,4g
Stabilisation time (s)	2	2	2
Sensitivity drift (°C)	5*10 ⁻⁶	5*10 ⁻⁶	5*10 ⁻⁶
Verification data			
Verification class	-	II	II
Verification value	-	1g	2g
Minimum load	-	5g	10g
Verification in the factory possible	-	Yes	Yes
Ambient conditions			
Permissible temperature	+10... +40°C	+10... +40°C	+10... +40°C
Permissible humidity	max. 80% (not condensating)	max. 80% (not condensating)	max. 80% (not condensating)
Piece counting			
Minimum weight	0,6g	0,3g	0,6g
Reference quantity	1, 5, 10, 20	1, 5, 10, 20	1, 5, 10, 20
Basic equipment			
Protective working cover	Yes	Yes	Yes
Accumulator	Option: external, 50h operation time, 9h charging time	-	-
Battery-supply	-	-	-
Auto-Off	Selectable: after 3min	Selectable: after 3min	Selectable: after 3min
Stand-by	Yes	Yes	Yes
Mains adapter	230V/50Hz (EURO)	230V/50Hz (EURO)	230V/50Hz (EURO)
Filter steps	5	5	5
Type of balance display	LCD	LCD	LCD
Digit height of balance display	14mm	14mm	14mm
Levelling feet, level indicator	-	-	-
Weighing units	g, kg, lb, oz, ozt, tLH, tLM, tLS, tLT, gn, dwt, o, TL, mo, *, t, m, b	g, kg	g, kg
Freely programmable weighing units	Yes	-	-
Internal adjusting weight	-	-	-
External test weight, included	5000g (M1) cast iron	5000g (M1)	5000g (M1) cast iron
Recommended adjusting weight	-	-	-
Explosion protection	-	-	-
Dimensions / materials / weights			
Dim. of weighing plate (WxDxH / Ø, mm)	160x200	160x200	160x200
Dimensions of terminal (WxDxH, mm)	-	-	-
Dimensions of casing (WxDxH, mm)	180x310x85	180x310x90	180x310x90
Material of casing	Metal	Metal	Metal
Dim. of draught guard (WxDxH / ØxH, mm)	-	-	-
Material of draught guard	-	-	-
Dimensions of packaging (WxDxH, mm)	400x340x220	400x340x220	400x340x220
Gross weight (kg)	9,4	9,4	9,4
Net weight (kg)	2,7	4	4

Important notes:

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