

Весы CARL ROTH серии HDB, TEE 150-1, CX, EHA, CM, EMB, FCE, FCB, DE, Ranger 3000, FKB, Navigator, BTG, PCD, PCB, Scout, SKX, STX, 440, gAB, 572, EWJ, EW, EG, PNJ, PLJ-A

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Balances – Basic for Beginners

Hanging balances HDB series electronic

Kern.

With data-hold function to "freeze" the weight display for 5 seconds. Stainless steel hooks, can be folded away. AUTO-OFF function after the load does not change for 5 minutes. Dimensions: W 70 x D 25 x H 105 mm (with hooks, 195 mm). Weight approx. 150 g.



Delivery incl. 2 x 1.5 V AAA batteries.

Type	Weighing range (kg)	Readability (g)	Art. No.	Pack Qty.	
HDB 5K5N	5	5	HK43.1	1 unit(s)	
HDB 10K10N	10	10	HK44.1	1 unit(s)	

Pocket balance TEE 150-1

Kern.

- Blue backlit LCD display
- AUTO-OFF function after the load does not change for 2 minutes, can be deactivated
- Weighing plate dimensions: W 60 x D 64 mm
- Dimensions of entire balance: W 67 x D 100 x H 22 mm
- Weight approx. 100 g



Delivery incl. plastic cover and 2 x 1.5 V AAA batteries.

Type	Weighing range (g)	Readability (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
TEE 150-1	150	0.1	60 x 64	HL50.1	1 unit(s)	

Compact balances CX series

Ohaus.

- ABS housing with stainless steel weighing plate
- Backlit LCD display
- External calibration function
- Overload protection
- Battery change indicator
- Automatic switch-off after 4 minutes when battery-powered
- Suitable for battery and mains operation
- Dimensions W 135 x D 201 x H 41 mm, weight 700 g



Delivery incl. 3x batteries Mignon 1.5 V. Without connector, please order separately if required.

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
CX221	220	0.1	±0,1	±0,1	128 x 142	KEX4.1	1 unit(s)	
CX621	620	0.1	±0,1	±0,1	128 x 142	KEX5.1	1 unit(s)	
CX1201	1200	0.1	±0,2	±0,2	128 x 142	KEX6.1	1 unit(s)	
CX2200	2200	1	±1	±1	128 x 142	KEX7.1	1 unit(s)	
CX5200	5200	1	±1	±1	128 x 142	KEX8.1	1 unit(s)	

Balances – Basic for Beginners

Precision balance EHA series

Kern.

- External calibration
- Stainless steel weighing plate
- Backlit LCD display
- Suitable for battery and mains operation
- Level indicator and levelling feet for levelling the balance
- Overall dimensions:
Width 160 mm x Depth 225 mm x Height 20 mm



Delivery incl. mains adapter. Please order batteries separately. Two 1.5 V AA batteries are required.

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.
EHA 500-2	500	0.01	0,03	±0,02	Ø 105	1A4A.1	1 unit(s)
EHA 500-1	500	0.1	0,3	±0,2	Ø 105	1A4C.1	1 unit(s)
EHA 1000-1	1000	0.1	0,3	±0,2	Ø 105	1A4E.1	1 unit(s)
EHA 3000-1	3000	0.1	0,3	±0,3	120 x 120	1A4H.1	1 unit(s)
EHA 3000-0	3000	1	3	±2	120 x 120	1A4K.1	1 unit(s)

Pocket balance CM series

Kern.

With a hinged lid. The balance in its case is perfectly protected from any kind of pressure by the hinged lid.
With TARE function, recipe program, automatic switch-off to prolong battery life and integrated calculator as standard. Dimensions: Balance W 85 x D 130 x H 25 mm, weight 150 g.



Delivery incl. 2 x 1.5 V AAA batteries in a soft case.

Type	Weighing range (g)	Readability (g)	Weighing pan (mm)	Art. No.	Pack Qty.
CM 150-1N	150	0,1	80 x 70	P961.1	1 unit(s)
CM 320-1N	320	0,1	80 x 70	P923.1	1 unit(s)
CM 1 K1N	1000	1	80 x 70	P924.1	1 unit(s)

Compact balances EMB series

Kern.

- Large LCD display with 15 mm high digits
- AUTO-OFF function after 3 minutes to prolong battery life, can be deactivated
- External calibration
- Adding function
- Dimensions of entire balance: W 170 x D 240 x H 39 mm
- Suitable for battery and mains operation



Delivery incl. batteries: EMB 2200-0 incl. 2 x 1.5 V AA batteries. All other models: Incl. 9 V block battery. **Without mains connector (if required, please order separately).**

Type	Weighing range (g)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.
EMB 100-3	100	0,001	±0,003	Ø 82	KX09.1	1 unit(s)
EMB 200-2	200	0,01	±0,02	Ø 105	CT06.1	1 unit(s)
EMB 200-3	200	0,001	±0,003	Ø 82	LY69.1	1 unit(s)
EMB 500-1	500	0,1	±0,2	Ø 150	ET20.1	1 unit(s)
EMB 600-2	600	0,01	±0,03	Ø 105	ET19.1	1 unit(s)
EMB 1000-2	1000	0,01	±0,03	Ø 150	KX10.1	1 unit(s)
EMB 1200-1	1200	0,1	±0,3	Ø 150	ET21.1	1 unit(s)
EMB 2000-2	2000	0,01	±0,03	Ø 150	LY70.1	1 unit(s)
EMB 2200-0	2200	1	±2	Ø 150	X415.1	1 unit(s)
EMB 3000-1	3000	0,1	±0,3	Ø 150	TA62.1	1 unit(s)
EMB 5.2 K 1	5200	1	±3	Ø 150	ET22.1	1 unit(s)
EMB 6000-1	6000	0,1	±0,3	Ø 150	LY71.1	1 unit(s)
EMB 5.2 K 5	5200	5	±10	Ø 150	X416.1	1 unit(s)



Balances – Basic for Beginners

Table balances

Kern.

Features:

- LCD display with 25 mm high digits
- External calibration
- Mains- or battery-powered
- Dimensions of entire balance: B 270 x D 345 x H 106 mm
- Automatic switch-off after the load does not change for 3 minutes to prolong battery life



Delivery incl. power supply unit and protective hood.

Without battery, please order separately. 1 E-Block 9 V battery is required.

FCE series with weighing plate made of plastic (ABS)

Type	Weighing range (g)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
FCE 3K1N	3000	1	±2	252 x 228	PA30.1	1 unit(s)	
FCE 6K2N	6000	2	±4	252 x 228	PA31.1	1 unit(s)	
FCE 15K5N	15000	5	±10	252 x 228	PA32.1	1 unit(s)	
FCE 30K10N	30000	10	±20	252 x 228	PA33.1	1 unit(s)	

FCB series with stainless steel weighing plate

Type	Weighing range (g)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
FCB 3K0.1	3000	0,1	±0,3	252 x 228	PA34.1	1 unit(s)	
FCB 12K1	12000	1	±3	252 x 228	PA36.1	1 unit(s)	
FCB 30K1	30000	1	±3	252 x 228	PA37.1	1 unit(s)	
FCB 6K0.5	6000	0,5	±1,5	252 x 228	PA35.1	1 unit(s)	

Platform balances DE series

Kern.

Features:

- Backlit LCD display with 25 mm high digits
- Function programs for number of items, recipe, percentage weighing and animal weighing
- RS 232 port
- External calibration
- Mains- or battery-powered
- Dimensions of display unit: W 225 x D 110 x H 45 mm



Delivery incl. power supply unit. Without battery, please order separately. 1 E-Block 9 V battery is required.

Standard balances DE-A series

Type	Weighing range (g)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
DE 12K1A	12000	1	±3	315 x 305	PA39.1	1 unit(s)	
DE 24K2A	24000	2	±6	315 x 305	PA40.1	1 unit(s)	
DE 6K0.5A	6000	0,5	±1,5	315 x 305	PA38.1	1 unit(s)	
DE 60K5A	60000	5	±15	315 x 305	PA41.1	1 unit(s)	
DE 120K10A	120000	10	±30	315 x 305	PA42.1	1 unit(s)	

Dual range balances DE-D series

Automatic changeover.

Type	Weighing range (g)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
DE 6K1D	3000 / 6000	1 / 2	±2 / 4	315 x 305	PA43.1	1 unit(s)	
DE 15K2D	6000 / 15000	2 / 5	±4 / 10	315 x 305	PA44.1	1 unit(s)	
DE 35K5D	15000 / 35000	5 / 10	±10 / 20	315 x 305	PA45.1	1 unit(s)	
DE 60K10D	30000 / 60000	10 / 20	±20 / 40	315 x 305	PA46.1	1 unit(s)	
DE 150K20D	60000 / 150000	20 / 50	±40 / 100	315 x 305	PA47.1	1 unit(s)	

Balances – Basic for Beginners

Platform balances Ranger® 3000 series battery-powered

Ohaus.

Application:

- Item counting, percentage weighing, dynamic weighing (animal weighing), check weighing and totalling
- Display memory function – display of last stable value, can be initiated manually or automatically
- Adjustable weighing units: kg or g



Features:

- External calibration
- Backlit LCD display
- Stainless steel weighing platform
- **Battery operation possible, up to 210 h runtime, approx. 12 h charging time**
- Integrated hook for below-balance weighing
- Adjustable levelling feet and level indicator on the front
- Stability indicator
- Battery charge level indicator
- Automatic deactivation during battery operation (can be switched off)
- RS 232 port

Delivery incl. universal mains adapter (100–240 V, 50/60 Hz).

Models cannot be calibrated

Type	Weighing range (g)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
R31P3	3000	0,1	±0,2	300 x 225	YY33.1	1 unit(s)	
R31P30	30000	1	±2	300 x 225	YY36.1	1 unit(s)	
R31P6	6000	0,2	±0,5	300 x 225	YY34.1	1 unit(s)	
R31P1502	1500	0,05	±0,1	300 x 225	YY32.1	1 unit(s)	
R31P15	15000	0,5	±1	300 x 225	YY35.1	1 unit(s)	

Models calibrated ex works

Type	Weighing range (g)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
R31P3-M	3000	1	±0,2	300 x 225	YY38.1	1 unit(s)	
R31P6-M	6000	2	±0,5	300 x 225	YY39.1	1 unit(s)	
R31P1502-M	1500	0,5	±0,1	300 x 225	YY37.1	1 unit(s)	
R31P15-M	15000	5	±1	300 x 225	YY40.1	1 unit(s)	
R31P30-M	30000	10	±2	300 x 225	YY41.1	1 unit(s)	

Table balances FKB series

Kern.

Features:

- External calibration
- Functions: Item counting, formulation, percentage weighing and animal weighing
- Backlit display
- Suitable for battery and mains operation
- AUTO-OFF function after 3 minutes to prolong battery life, can be deactivated
- RS 232 data port
- Stainless steel weighing plate



Delivery incl. power supply unit. Please order batteries separately. An extra 6 x Baby/C batteries are required.

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
FKB 16K0.1	16000	0,1	±0,3	±0,1	340 x 240	YC95.1	1 unit(s)	
FKB 36K0.1	36000	0,1	±0,5	±0,1	340 x 240	YC96.1	1 unit(s)	
FKB 36K0.2	36000	0,2	±0,6	±0,2	340 x 240	YC97.1	1 unit(s)	
FKB 65K0.2	65000	0,2	±1	±0,2	340 x 240	YC98.1	1 unit(s)	
FKB 6K0.02	6000	0,03	±0,1	±0,02	340 x 240	YC92.1	1 unit(s)	
FKB 8K0.05	8000	0,05	±0,15	±0,05	340 x 240	YC93.1	1 unit(s)	
FKB 16K0.05	16000	0,05	±0,25	±0,05	340 x 240	YC94.1	1 unit(s)	
FKB 65K0.5	65000	0,5	±1,5	±0,5	340 x 240	YC99.1	1 unit(s)	



Balances – Basic for Beginners

Precision balances Navigator™

Ohaus.

Application:

- Various weighing units are adjustable
- Function programs: Item counting, percentage weighing and check weighing



Features:

- Weighing pan made of stainless steel
- External calibration
- Backlit LCD display
- Level indicator
- Overload/underload protection
- Can be upgraded with RS 232, USB or Ethernet port (please order separately)
- Suitable for battery and mains operation

Delivery incl. mains adapter. Without batteries (please order separately, 4 x Baby/C 1.5 V batteries are required).

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
NV222	220	0.01	±0,02	±0,01	Ø 145	KEH1.1	1 unit(s)	
NV422	420	0.01	±0,02	±0,02	Ø 145	KEH2.1	1 unit(s)	
NV622	620	0.01	±0,02	±0,02	Ø 145	KEH3.1	1 unit(s)	
NV221	220	0.1	±0,2	±0,1	190 x 144	KEH4.1	1 unit(s)	
NV621	620	0.1	±0,2	±0,1	190x 144	KEH5.1	1 unit(s)	
NV1201	1200	0.1	±0,2	±0,1	190 x 144	KEH6.1	1 unit(s)	
NVT2201	2200	0.1	±0,2	±0,1	230 x 174	KEH7.1	1 unit(s)	
NVT4201	4200	0.1	±0,2	±0,1	230 x 174	KEH8.1	1 unit(s)	
NVT6201	6200	0.1	±0,2	±0,1	230 x 174	KEH9.1	1 unit(s)	
NVT2200	2200	1	±2	±1	230 x 174	KEK0.1	1 unit(s)	
NVT6200	6200	1	±2	±1	230 x 174	KEK1.1	1 unit(s)	
NVT12000	12000	1	±2	±1	230 x 174	KEK2.1	1 unit(s)	
NVT22000	22000	1	±2	±1	230 x 174	KEK3.1	1 unit(s)	

Accessories for Navigator™ precision balances

Ohaus.

Designation	Art. No.	Pack Qty.	
RS 232 port, installation kit with cable	Y609.1	1 unit(s)	
USB port, installation kit with cable	Y610.1	1 unit(s)	
Ethernet port, installation kit with cable	PH78.1	1 unit(s)	

Precision balances BTG series

Phönix Instrument.

Application:

- Percent and counting
- Select from 21 weight units: g, ct, kg, lb, etc.



Features:

- Stainless steel weighing platform
- Backlit display showing the capacity
- With external calibration
- Three-door glass draft shield on the BTG-303 model (internal height 150 mm); (W) = incl. draft shield
- RS 232 data port
- Integrated battery operation for mobile use (up to 40 hrs runtime and approx. 12 hrs charging time)

Delivery incl. mains adapter, external additional test weight (class M1) and protective hood (BTG-2002 and BTG-6001 models only).

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
BTG-303 (W)	300	0,001	±0,003	±0,001	Ø 118	EEH4.1	1 unit(s)	
BTG-2002	2000	0,01	±0,03	±0,01	188 x 148	EEH5.1	1 unit(s)	
BTG-6001	6000	0,1	±0,2	±0,1	188 x 148	EEH6.1	1 unit(s)	

Balances – Basic for Beginners

Precision balances PCD series

Kern.

Features:

- With separate platform for working in glove bags or fume cupboards
- External calibration
- Functions: Item counting, formulation, percentage weighing and animal weighing
- Backlit display
- Various weighing units can be set, e.g. g, ct, free value, etc.
- With level indicator and levelling feet
- Draft shield for model PCD 250-3 and PCD 300-3:
Dimensions of weighing space: W 146 x D 146 x H 80 mm
- Mains or battery operation
- Auto-Off function, switches balance off after 3 minutes to prolong battery life, can be deactivated
- (W) = incl. draft shield



Delivery incl. power supply unit. Please order batteries separately. One E-Block 9 V battery is required.

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
PCD 250-3 (W)	250	0,001	±0,005	±0,002	Ø 105	YC31.1	1 unit(s)	
PCD 300-3 (W)	350	0,001	±0,005	±0,002	Ø105	HEH0.1	1 unit(s)	
PCD 2500-2	2500	0,01	±0,05	±0,02	160 x 160	YC32.1	1 unit(s)	
PCD 3000-2	3500	0,01	±0,05	±0,02	160 x 160	HEH1.1	1 unit(s)	
PCD 6K-4	6000	0,1	±0,3	±0,1	160 x 160	HEH2.1	1 unit(s)	
PCD 10K0.1	10000	0,1	±0,3	±0,1	160 x 160	YC33.1	1 unit(s)	
PCD 10K-3	10000	1	±3	±1	160 x 160	HEH3.1	1 unit(s)	

Precision balances PCB series

Kern.

Features:

- Backlit LCD display
- Stainless steel platform (ABS plastic platform with models with the Ø 81 mm weighing dish)
- External calibration
- Functions: Item counting, formulation, percentage weighing and animal weighing
- RS 232 port
- Draft shield ring with models with 0.001 g readability
- Suitable for battery and mains operation
- AUTO-OFF function, switches balance off after 3 minutes to prolong battery life, can be deactivated



Delivery incl. power supply unit and protective hood for keyboard and housing. Please order batteries separately. An E-Block 9 V battery is required.

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
PCB 100-3	100	0,001	±0,003	±0,001	Ø 81	HK92.1	1 unit(s)	
PCB 200-2	200	0,01	±0,02	±0,01	Ø 105	HK93.1	1 unit(s)	
PCB 250-3	250	0,001	±0,005	±0,001	Ø 81	KX11.1	1 unit(s)	
PCB 350-3	350	0,001	±0,005	±0,001	Ø 81	LY67.1	1 unit(s)	
PCB 1000-1	1000	0,1	±0,2	±0,1	130 x 130	HK99.1	1 unit(s)	
PCB 1000-2	1000	0,01	±0,03	±0,01	130 x 130	HK97.1	1 unit(s)	
PCB 2000-1	2000	0,1	±0,2	±0,1	130 x 130	HL00.1	1 unit(s)	
PCB 2500-1	2500	0,01	±0,05	±0,01	130 x 130	KX12.1	1 unit(s)	
PCB 3500-2	3500	0,01	±0,05	±0,01	130 x 130	LY68.1	1 unit(s)	
PCB 6000-0	6000	1	±2	±1	150 x 170	HL05.1	1 unit(s)	
PCB 6000-1	6000	0,1	±0,3	±0,1	150 x 170	HL02.1	1 unit(s)	



Balances – Basic for Beginners

Precision balances Scout™ series

Ohaus.

General features of all models:

- With external calibration
- Draft shield for models with 0.001 g readability (internal height 45 mm); (W) = incl. draft shield
- Battery and mains operation
- Connection options for data logging (please order separately)



Delivery incl. M1 test weight included in models up to 620 g and mains adapter. Without batteries, please order separately. Four 1.5 V AA batteries are required.

(1) SKX series

- Application: Determining density
- Background-lit LCD display

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
SKX123 (W)	120	0,001	±0,003	±0,002	Ø 93	EHE8.1	1 unit(s)	
SKX222	220	0,01	±0,01	±0,01	Ø 120	EHE9.1	1 unit(s)	
SKX421	420	0,1	±0,1	±0,1	Ø 120	EHH4.1	1 unit(s)	
SKX422	420	0,01	±0,01	±0,01	Ø 120	EHH0.1	1 unit(s)	
SKX621	620	0,1	±0,1	±0,1	170 x 140	EHH5.1	1 unit(s)	
SKX622	620	0,01	±0,02	±0,01	Ø 120	EHH1.1	1 unit(s)	
SKX1202	1200	0,01	±0,03	±0,02	170 x 140	EHH2.1	1 unit(s)	
SKX2201	2200	0,1	±0,1	±0,1	170 x 140	EHH6.1	1 unit(s)	
SKX2202	2200	0,01	±0,03	±0,02	170 x 140	EHH3.1	1 unit(s)	
SKX6201	6200	0,1	±0,2	±0,1	170 x 140	EHH7.1	1 unit(s)	
SKX8200	8200	1	±1	±1	170 x 140	EHH8.1	1 unit(s)	

(2) STX series with touchscreen and additional features

- Application: Percentage weighing, item counting, check weighing, dynamic weighing, totalling and determining density
- Full-colour touchscreen with WQVGA graphic LCD (4.3" diagonal)
- QWERTY keyboard and numerical keyboard
- 9 different menu language options can be selected
- Front level display and levelling feet

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
STX123 (W)	120	0,001	±0,003	±0,002	Ø 93	EHH9.1	1 unit(s)	
STX222	220	0,01	±0,01	±0,01	Ø 120	EHK1.1	1 unit(s)	
STX223 (W)	220	0,001	±0,003	±0,002	Ø 93	EHK0.1	1 unit(s)	
STX421	420	0,1	±0,1	±0,1	Ø 120	EHK6.1	1 unit(s)	
STX422	420	0,01	±0,01	±0,01	Ø 120	EHK2.1	1 unit(s)	
STX621	620	0,1	±0,1	±0,1	170 x 140	EHK7.1	1 unit(s)	
STX622	620	0,01	±0,02	±0,01	Ø 120	EHK3.1	1 unit(s)	
STX1202	1200	0,01	±0,03	±0,02	170 x 140	EHK4.1	1 unit(s)	
STX2201	2200	0,1	±0,1	±0,1	170 x 140	EHK8.1	1 unit(s)	
STX2202	2200	0,01	±0,03	±0,02	170 x 140	EHK5.1	1 unit(s)	
STX6201	6200	0,1	±0,2	±0,1	170 x 140	EHK9.1	1 unit(s)	
STX8200	8200	1	±1	±1	170 x 140	EHL0.1	1 unit(s)	

Accessories interface installation kit for SKX and STX series precision balances

Ohaus.

Designation	Art. No.	Pack Qty.	
RS 232 interface kit	EHL1.1	1 unit(s)	
USB host interface kit	EHL2.1	1 unit(s)	
USB device interface kit	EHL3.1	1 unit(s)	
Bluetooth interface kit	EHL4.1	1 unit(s)	

Balances – Basic for Beginners

Precision balances 440 series

Kern.

Application:

- Function programs for number of items, recipe, percentage weighing and animal weighing



Features:

- Stainless steel weighing platform
- With external calibration
- With RS 232 data port
- A draft shield ring is also supplied with Art. No. LY72.1
- Suitable for battery and mains operation
- AUTO-OFF after 3 minutes to prolong battery life

Delivery incl. power supply unit and protective hood. Please order batteries separately. An E-Block 9 V battery is required.

Type	Weighing range (g)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
440-21A	60	0,001	±0,003	Ø 81	LY72.1	1 unit(s)	
440-33N	200	0,01	±0,02	Ø 105	H723.1	1 unit(s)	
440-35N	400	0,01	±0,03	Ø 105	AK49.1	1 unit(s)	
440-43N	400	0,1	±0,2	130 x 130	P936.1	1 unit(s)	
440-35A	600	0,01	±0,03	Ø 105	LY73.1	1 unit(s)	
440-45N	1000	0,1	±0,2	130 x 130	H724.1	1 unit(s)	
440-47N	2000	0,1	±0,2	130 x 130	H725.1	1 unit(s)	
440-49N	4000	0,1	±0,3	170 x 150	Y530.1	1 unit(s)	
440-51N	4000	1	±2	170 x 150	P937.1	1 unit(s)	
440-53N	6000	1	±2	170 x 150	P938.1	1 unit(s)	

Table balances GAB, calibrated

Kern.

Application examples: Dispensing balance for pharmacies, hand mixing of tea, coffee, etc.

- Functions: Item counting and percentage weighing
- Weighing with tolerance range: Entry of upper/lower limits. A visual signal aids dosing and sorting.
- RS 232 port
- Overall dimensions: W 320 x D 330 x H 125 mm
- Min. load 20 g
- Stainless steel weighing platform



Delivery incl. mains adapter.

Type	Weighing range (kg)	Readability (g)	Linearity (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
GAB	3 / 6	1/2	±1 / 2	294 x 225	PX18.1	1 unit(s)	



Balances – Basic for Beginners

Precision balances 572 series

Kern.

Application:

- Function programs: Item counting, recipes and percentage weighing



Features:

- Robust metal case**
- With external calibration
- RS 232 data port
- Easy to operate following the yes/no questions in the display
- With below balance weighing device
- Dimensions: W 180 x D 310 x H 90 mm
- A draft shield ring (Ø 160 mm, H 60 mm) is supplied with Art. No. HT19.1 and HT20.1

Delivery incl. protective hood for keyboard, housing and the mains adapter.

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
572-31	300	0,001	±0,003	±0,001	Ø 105	HT19.1	1 unit(s)	
572-32	420	0,001	±0,005	±0,002	Ø 105	HT20.1	1 unit(s)	
572-33	1600	0,01	±0,03	±0,01	Ø 150	L961.1	1 unit(s)	
572-35	2400	0,01	±0,03	±0,01	Ø 150	L962.1	1 unit(s)	
572-37	3000	0,01	±0,05	±0,02	Ø 150	HT21.1	1 unit(s)	
572-39	4200	0,01	±0,05	±0,02	Ø 150	KX14.1	1 unit(s)	
572-49	16000	0,1	±0,3	±0,1	200 x 160	L964.1	1 unit(s)	
572-57	24000	0,1	±0,3	±0,1	200 x 160	L966.1	1 unit(s)	
572-45	12000	0,05	±0,15	±0,05	200 x 160	L963.1	1 unit(s)	

Precision balances EWJ series

Kern.

Application:

- Item counting and percentage weighing



Features:

- Time-controlled automatic internal calibration
- Capacity indication – LED strip indicates available weighing range
- Draft shield comprising four side parts (H = 90 mm) for models up to ≤600 g; (W) = including draft shield
- Spirit level
- RS 232 data port

Delivery incl. protective hood and mains adapter (230 V, 50 Hz).

Models not calibratable

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
EWJ 300-3 (W)	300	0,001	±0,003	±0,001	Ø 80	CHH7.1	1 unit(s)	
EWJ 600-2M (W)	600	0,01	±0,03	±0,01	Ø 135	CHH8.1	1 unit(s)	
EWJ 3000-2	3000	0,01	±0,03	±0,01	Ø 135	CHH9.1	1 unit(s)	
EWJ 6000-1M	6000	0,1	±0,3	±0,1	155 x 145	CHK0.1	1 unit(s)	

Models calibrated ex works

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
EWJ 600-2M (W)	600	0,01	±0,03	±0,01	Ø 135	CHK1.1	1 unit(s)	
EWJ 6000-1M	6000	0,1	±0,3	±0,1	155 x 145	CHK2.1	1 unit(s)	

Balances – Basic for Beginners

Precision balances

Kern.

Application:

- Item counting, percentage weighing, weighing with a tolerance range (above or below the programmable limit value; option to input in g, items or %)
- Capacity indicator
- Various weighing units (e.g. g, ct, oz, etc.) can be set
- LCD display with 16 mm high digits



Features:

- Stainless steel weighing platform
- **EW models with external calibration, EG models with internal calibration switch via a rotary knob on the side**
- Spirit level
- Bidirectional RS 232 data port
- Draft shield as standard on all 0.001-g models, with removable lid and an opening for pipetting (Weighing space W 158 x D 130 x H 78 mm); (W) = incl. draft shield
- Dimensions of entire balance:
with weighing plates Ø 118 and 170 x 142 mm: W 180 x D 235 x H 75 mm,
with weighing plate 180 x 160 mm: W 190 x D 265 x H 90 mm

Delivery incl. protective hood and mains adapter.

EW series, external calibration

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
EW 220-3 NM (W)	220	0,001	±0,002	±0,001	Ø 118	AX07.1	1 unit(s)	
EW 420-3 NM (W)	420	0,001	±0,003	±0,001	Ø 118	AX08.1	1 unit(s)	
EW 620-3 NM (W)	620	0,001	±0,004	±0,001	Ø 118	AX09.1	1 unit(s)	
EW 820-2 NM	820	0,01	±0,01	±0,01	170 x 142	AX10.1	1 unit(s)	
EW 2200-2 NM	2200	0,01	±0,01	±0,01	180 x 160	AX11.1	1 unit(s)	
EW 4200-2 NM	4200	0,01	±0,02	±0,01	180 x 160	AX12.1	1 unit(s)	
EW 6200-2 NM	6200	0,01	±0,03	±0,01	180 x 160	CT72.1	1 unit(s)	
EW 12000-1 NM	12000	0,1	±0,2	±0,1	180 x 160	CT73.1	1 unit(s)	

EG series, internal calibration

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
EG 220-3 NM (W)	220	0,001	±0,002	±0,001	Ø 118	AX13.1	1 unit(s)	
EG 420-3 NM (W)	420	0,001	±0,003	±0,001	Ø 118	AX14.1	1 unit(s)	
EG 620-3 NM (W)	620	0,001	±0,004	±0,001	Ø 118	AX15.1	1 unit(s)	1.030,00
EG 2200-2 NM	2200	0,01	±0,01	±0,01	180 x 160	AX16.1	1 unit(s)	
EG 4200-2 NM	4200	0,01	±0,02	±0,01	180 x 160	AX17.1	1 unit(s)	



Balances – Basic for Beginners

Precision balances PNJ series

Kern.

Application:

- Item counting, percentage weighing and check weighing.



Features:

- With internal calibration
- Capacity indication – LED strip indicates available weighing range
- Glass draft shield with 3 sliding doors for model with 0.001 g readability (internal height 160 mm); (W) = incl. draft shield
- Spirit level
- RS 232 data port

Delivery incl. protective hood and mains adapter.

Models not calibratable

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
PNJ 600-3M (W)	620	0,001	±0,004	±0,001	Ø 140	ENH3.1	1 unit(s)	
PNJ 3000-2M	3200	0,01	±0,02	±0,01	190 x 190	ENH4.1	1 unit(s)	
PNJ 12000-1M	12000	0,1	±0,2	±0,1	190 x 190	ENH5.1	1 unit(s)	

Models calibrated ex works

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.	
PNJ 600-3M (W)	620	0,001	±0,004	±0,001	Ø 140	ENH6.1	1 unit(s)	
PNJ 3000-2M	3200	0,01	±0,02	±0,01	190 x 190	ENH7.1	1 unit(s)	
PNJ 12000-1M	12000	0,1	±0,2	±0,1	190 x 190	ENH8.1	1 unit(s)	

Balances – Basic for Beginners

Precision balances PLJ-A series

Kern.

Application:

- Item counter, percentage weighing and weighing with a tolerance range
- Recipe database: 99 recipes with up to 20 recipe components each, including name and set value, can be stored



Features:

- With internal adjustment
- Backlit LCD graphic display,
- Plain text operator guidance in the display, available in different languages
- Dosing aid: High-stability mode and other filter settings can be selected
- Spirit level
- Draft shield on the model with 0.001 g readability (interior height 60 mm) except for model PLJ 2000-3A (large square draft shield with interior height 225 mm); (W) = incl. draft shield
- RS-232 data port

Delivery incl. protective hood and mains adapter.

Models not calibratable

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.
PLJ 720-3A (W)	720	0.001	0,002	0,001	110	1LH9.1	1 unit(s)
PLJ 1200-3A (W)	1200	0.001	0,003	0,001	110	1LHA.1	1 unit(s)
PLJ 2000-3A (W)	2100	0.001	0,004	0,002	110	1LHC.1	1 unit(s)
PLJ 6200-2A	6200	0.01	0,03	0,01	160	1LHE.1	1 unit(s)

Models calibrated ex works

Type	Weighing range (g)	Readability (g)	Linearity (g)	Reproducibility (g)	Weighing pan (mm)	Art. No.	Pack Qty.
PLJ 720-3AM (W)	720	0.001	0,002	0,001	110	1LHH.1	1 unit(s)
PLJ 6200-2AM	6200	0.01	0,03	0,01	160	1LHK.1	1 unit(s)

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