

## PRECISION BALANCES

### Series 440: The classic balance in the laboratory

**Features:**

- Compact size, practical for small spaces
- Percentage determination: makes it possible to store a given weight value (100 %) and to determine deviations from this target value
- Ring-shaped draught shield standard, only for models with weighing plate size „A“, weighing space Ø×H 90×40 mm
- Protective working cover included with delivery



Optional



**Technical data:**

	440-21A	440-33N	440-35N	440-35A	440-43N	440-45N	440-47N	440-49N	440-49A	440-51N	440-53N
<b>Measuring system</b>											
Weighing range [Max] [g]	60	200	400	600	400	1000	2000	4000	6000	4000	6000
Readout [g]	0,001	0,01	0,01	0,01	0,1	0,1	0,1	0,1	0,1	1	1
Reproducibility [g]	0,001	0,01	0,01	0,01	0,1	0,1	0,1	0,1	0,1	1	1
Linearity [g]	±0,003	±0,02	±0,03	±0,03	±0,2	±0,2	±0,2	±0,2	±0,3	±0,3	±2
Calibration / Adjusting	externally	externally	externally	externally	externally	externally	externally	externally	externally	externally	externally
DAkkS Certificate (option)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Verification value [mg]	-	-	-	-	-	-	-	-	-	-	-
Data Interface	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232
Pan, stainless steel [mm]	Ø 81	Ø 105	Ø 105	Ø 105	130x130	130x130	130x130	150x170	150x170	150x170	150x170
<b>Electrial data</b>											
Input voltage [V] AC	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240
<b>Dimensions</b>											
Width [mm]	165	165	165	165	165	165	165	165	165	165	165
Height [mm]	80	80	80	80	80	80	80	80	80	80	80
Depth [mm]	230	230	230	230	230	230	230	230	230	230	230
Weight [kg], approx.	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95

## Series PFB: Precision balance

Quick-display precision balance with user-friendly concept of operation

### Features:

- Easy to use: All primary functions have their own key on the keypad
- Compact size, practical for small spaces
- Capacity display: A bar lights up to show how much of the weighing range is still available
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Draught shield standard (only for models with weighing plate size mm Ø 80 and 120). Weighing space W×D×H 158×143×64 mm
- Protective working cover included with delivery



Factory

Optional



### Technical data:

	PFB 120-3	PFB 200-3	PFB 300-3	PFB 600-2	PFB 1200-2	PFB 2000-2	PFB 3000-2	PFB 6000-2	PFB 6000-
<b>Measuring system</b>									
Weighing range [Max] [g]	120	200	300	600	1200	2000	3000	6000	6000
Readout [g]	0,001	0,001	0,001	0,01	0,01	0,01	0,01	0,05	0,1
Reproducibility [mg]	1	2	2	10	10	20	20	50	100
Linearity [g]	±0,003	±0,005	±0,005	±0,03	±0,03	±0,05	±0,05	±0,15	±0,3
Calibration / Adjusting	external	external	external	external	external	external	external	external	extern
DAkkS Certificate (Optional)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Verification value [mg]	-	-	-	-	-	-	-	-	-
Data Interface	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232
Pan, stainless steel [mm]	Ø 80	Ø 80	Ø 80	Ø 120	Ø 120	Ø 120	Ø 120	190 x 180	190 x 180
<b>Electrial data</b>									
Input voltage [V] AC	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240
<b>Dimensions</b>									
Width [mm]	210	210	210	210	210	210	210	210	210
Height [mm]	90	90	90	90	90	90	90	90	90
Depth [mm]	315	315	315	315	315	315	315	315	315
Weight [kg]	aprox. 2	aprox. 2	aprox. 2	aprox. 2	aprox. 2	aprox. 2	aprox. 2	aprox. 2	aprox. 2

## Series 572: All-rounder as precision balance in the laboratory

### Features:

- Thanks to the many typical laboratory functions, such as, for example, recipe function, percentage determination, combined with the high level of precision, the 572 is a reliable partner for day-to-day work in the laboratory
- The robust version, typical industrial functions, such as piece-counting and vibration-free weighing also make these balances ideal for all industrial applications, where a high level of precision is required
- The robust aluminium cast housing maintains the stability, protects the weighing technology elements and is robust enough to cope with everyday use
- Ring-shaped draft shield standard for models with weighing plate size Ø 106 mm. Weighing space Ø×H 157×43 mm
- Loop and hook for underfloor weighing standard on all models with readout [d] < 1 g
- Protective working cover included with delivery
- Models with a resolution > 240,000 points: Level indicator to level the balance precisely



### Standard



### Optional



### Technical data:

	572-30	572-31	572-32	572-33	572-35	572-37	572-39	572-45	572-55	572-57
<b>Measuring system</b>										
Weighing range [Max] [g]	240	300	420	1600	2400	3000	4200	12000	20000	24000
Readout [g]	0,001	0,001	0,001	0,01	0,01	0,01	0,01	0,05	0,05	0,1
Reproducibility [mg]	1	2	2	10	10	20	20	50	100	100
Linearity [g]	±0,003	±0,005	±0,005	±0,03	±0,03	±0,05	±0,05	±0,15	±0,25	±0,3
Calibration / Adjusting	externally	externally	externally	externally	externally	externally	externally	externally	externally	externally
DAkkS Certificate (Option)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Verification value [mg]	-	-	-	-	-	-	-	-	-	-
Data Interface	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232
Pan, stainless steel [mm]	Ø 106	Ø 106	Ø 106	Ø 150	Ø 150	Ø 150	Ø 150	160 x 200	160 x 200	160 x 200
<b>Electrical data</b>										
Input voltage [V] AC	110 - 230	110 - 230	110 - 230	110 - 230	110 - 230	110 - 230	110 - 230	110 - 230	110 - 230	110 - 230
<b>Dimensions</b>										
Width [mm]	180	180	180	180	180	180	180	180	180	180
Height [mm]	85	85	85	85	85	85	85	85	85	85
Depth [mm]	310	310	310	310	310	310	310	310	310	310
Weight [kg]	appr. 2,4	appr. 2,4	appr. 2,4	appr. 2,4	appr. 2,4	appr. 2,4	appr. 2,4	appr. 2,8	appr. 2,8	appr. 2,8

## Series EW-N: The classic balance with robust tuning fork measuring system

### Features:

- Internal adjustment circuit via rotary knob on the side guarantees high accuracy and makes independent of location
- „CAL EXT“ only EW-NM: Adjusting program CAL for quick setting of the balance accuracy using an external test weight
- Stable temperature behaviour
- Short stabilisation time
- Shock proof construction
- High corner load performance
- Capacity display: A bar lights up to show how much of the weighing range is still available
- GLP/ISO record keeping of weight values
- Totalising of pieces when counting
- Draught shield standard for models with weighing plate size Ø 118 mm, weighing space W×D×H 158×130×78 mm
- Protective working cover included with delivery



### Standard



### Optional



### Factory



### Technical data:

	EW 220-3NM	EW 420-3NM	EW 620-3NM	EW 820-2NM	EW 2200-2NM	EW 4200-2NM	EW 6200-2NM	EW 12000-1NM
<b>Measuring system</b>								
Weighing range [Max] [g]	220	420	620	820	2200	4200	6200	12000
Readout [g]	0,001	0,001	0,001	0,01	0,01	0,01	0,01	0,1
Reproducibility [mg]	1	1	1	10	10	10	10	100
Linearity [g]	±0,002	±0,003	±0,003	±0,01	±0,01	±0,02	±0,03	±0,2
Calibration / Adjusting	externally	externally	externally	externally	externally	externally	externally	externally
DAkkS Certificate (Option)	✓	✓	✓	✓	✓	✓	✓	✓
Verification value [mg]	-	-	-	-	-	-	-	-
Data Interface	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232	RS 232
Pan, stainless steel [mm]	Ø 118	Ø 118	Ø 118	170x140	180x160	180x160	180x160	180x160
<b>Electrical data</b>								
Input voltage [V] AC	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240
<b>Dimensions</b>								
Width [mm]	182	182	182	182	192	192	192	192
Height [mm]	75	75	75	75	87	87	87	87
Depth [mm]	235	235	235	235	275	275	275	275
Weight [kg]	approx. 1,4	approx. 1,4	approx. 1,4	approx. 1,4	approx. 1,4	approx. 1,4	approx. 1,4	approx. 1,4