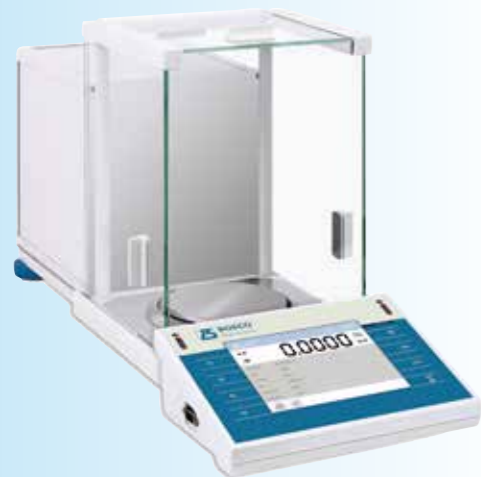


BALANCES



BOECO BBY MODELS

Our professional Semi-Micro Analytical balances with internal calibration, 5,7" colour touch screen, infrared proximity sensors, electronic level indicator, communication interfaces and data exchange through USB storage devices.

► Functions:
Parts Counting, Checkweighing, Dosing, Weighing in percent, Density determination (with optional kit), Animal weighing, Formulation, Statistics, Differential weighing, GLP procedures

Menu navigation selectable in 6 languages: GB / SP / D / F / I / PL

Specifiaction	BBY 21	BBY 22
Max. capacity	100 g	82 / 220 g
Minimal load	0,01g	0,01g
Readability	0,00001 g	0,00001 g
		0,0001 g
Tare range	- 100 g	- 220 g
Repeatability	50 g 0,00002 g	50 g 0,00002 g
	50 - 100 g 0,00003 g	50-82 g 0,00003 g
		82 - 220 g 0,00008 g
Linearity	± 0,00007 g	± 0,00006 g
		± 0,0002 g
Pan size	ø 85 mm	ø 85 mm
Stabilization time	5 sec.	5 sec.
Calibration	Internal (automatic)	
Interface	RS 232 / 2 x USB / Ethernet	
Display	Graphic LCD with backlight	
Working temperature	+10°C - +40°C	
Power Supply	110-230 V AC, 50/60 Hz	
Netweight / Grossweight	12,7 kgs / 16,4 Kg	
Size / Packing size	573x252x348 / 715x385x485 mm	

Model	Readability	Capacity
BBY 21	0,00001 g	100 g
BBY 22	0,00001 g	82 g
(dual range)	0,0001 g	220 g



BOECO BBX MODELS

Our advanced Semi-Micro and Analytical balances with internal calibration.

► Functions:
Parts Counting, Filling, Weighing in percent, Animal weighing, checking, density determination (with optional kit), Formulation, GLP procedures, underfloor weighing

Menu navigation selectable in 6 languages: GB / SP / D / F / I / PL

Specifiaction	BBX 22	BBX 31
Max. capacity	82 /220 g	310 g
Minimal load	0,001g	0,01g
Readability	0,00001 g	0,0001 g
	0,0001 g	
Tare range	- 220 g	- 310 g
Repeatability	50 g 0,00002 g	220 g 0,00008 g
	50 - 82 g 0,00003 g	220-310 g 0,0002 g
	82 - 220 g 0,00008 g	
Linearity	± 0,00006 g	± 0,0003 g
	± 0,0002 g	
Pan size	ø 85 mm	ø 100 mm
Stabilization time	5 / 3 sec.	3 sec.
Calibration	Internal (automatic)	
Interface	RS 232 / USB	
Display	Graphic LCD with backlight	
Working temperature	+10°C - +40°C	
Power Supply	110-230 V AC, 50/60 Hz	
Netweight / Grossweight	9 kgs / 12 kg	
Size / Packing size	484x202x294 / 685x405x495 mm	

Model	Readability	Capacity
BBX 22	0,00001 g	82 g
(dual range)	0,0001 g	220 g
BBX 31	0,0001 g	310 g

BOECO BAS PLUS MODELS

Our Standard Analytical balances with automatic internal calibration

The new Plus Version with: New display with enlarged characters, New keypad with quick access buttons, New communication interfaces 2 xUSB (1 x to work with printers with PCL protocol) (and optional WIFI)

► Functions: Parts Counting, weighing in percent, checking, density determination (with optional kit), GLP procedures, underfloor weighing

Specifiaction	BAS 31 plus	BAS 32 plus
Max. capacity	220 g	110 g
Minimal load	0,01g	0,01g
Readability	0,0001 g	0,0001 g
Tare range	- 220 g	- 110 g
Repeatability	0,0001 g	0,0001 g
Linearity	± 0,0002 g	± 0,0002 g
Pan size	ø 85 mm	ø 85 mm
Stabilization time	3,5 sec.	3,5 sec.
Calibration	Internal (automatic)	
Interface	2xRS232, 2xUSB(A+B), WIFI (optional)	
Display	large LCD with backlight	
Working temperature	+10°C - +40°C	
Power Supply	110-230 V AC, 50/60 Hz	
Netweight / Grossweight	5,6 kgs / 7,7 Kg	
Size / Packing size	333x210x335 / 490x400x505 mm	

Both BASplus balances are available in an optional WIFI interface version



Model	Readability	Capacity
BAS 31 plus	0,0001 g	220 g
BAS 32 plus	0,0001 g	110 g

BOECO BPS PLUS MODELS

Our Standard Precision balances with automatic internal calibration

The new Plus Version with: New display with enlarged characters, New keypad with quick access buttons, New communication interfaces 2 xUSB (1 x to work with printers with PCL protocol) and optional WIFI.

► Functions: Parts Counting, weighing in percent, checking, totalizing, filling, GLP procedures

Specifiaction	BPS 40 plus	BPS 41 plus	BPS 51 plus	BPS 52 plus
Max. capacity	750 g	360 g	4500 g	2100 g
Minimal load	0,02 g	0,02 g	0,5 g	0,5 g
Readability	0,001 g	0,001 g	0,01 g	0,01 g
Tare range	- 750 g	- 360 g	- 4500 g	- 2100 g
Repeatability	0,015 g	0,001 g	0,01 g	0,01 g
Linearity	± 0,003 g	± 0,002 g	± 0,02 g	± 0,02 g
Pan size	128 x 128 mm		195 x 195 mm	
Stabilization time	2 sec.		1,5 sec.	
Calibration	Internal (automatic)			
Interface	2xRS232, 2xUSB (A+B), WIFI (optional)			
Display	large LCD with backlight			
Working temperature	+10°C - +40°C			
Power Supply	110-230 V AC, 50/60 Hz			
Netweight / Grossweight	4,3 kgs / 6,3 kg		4,8 / 6,3 kg	
Size / Packing size	333x206x100/170 / 470x380x336 mm			

All 4 BPSplus balances are available in an optional WIFI interface version



Model	Readability	Capacity
BPS 40 plus	0,001 g	750 g
BPS 41 plus	0,001 g	360 g



Model	Readability	Capacity
BPS 51 plus	0,01 g	4500 g
BPS 52 plus	0,01 g	2100 g

Accessories

Code	Description
BOE KIT 85	Density determination KIT for solids and liquids for balances featuring weighing pan ø 85 and ø 100 mm
BOE KIT 128	Density determination KIT for balances with weighing pan 128 x 128 mm
BOE WINPC	BALANCE-WIN PC Software
BOE P0108	RS 232 cable (Balance - Computer)





Model	Readability	Capacity
BWL 51	0,01 g	2000 g
BWL 61	0,1 g	6000 g
BWL 60	0,1 g	10 kg

BOECO BWL MODELS

Our Basic Precision balances with external calibration and internal rechargeable accu with power charger. This makes them independent from a mains supply and therefore portable.

► Functions:

Parts Counting, weighing in percent, totalising, checking, animal weighing, GLP procedures, measurement in Newton,

Specification	BWL 51	BWL 61	BWL 60
Max. capacity	2000 g	6000 g	10 kg
Readability	0,01 g	0,1 g	0,1 g
Tare range	- 2000 g	- 6000 g	- 10 kg
Repeatability	0,03 g	0,3 g	0,1 g
Linearity	± 0,03 g	± 0,3 g	± 0,1 g
Pan size	195 x 195 mm		
Stabilization time	3 sec.		
Calibration	external		
Interface	RS 232		
Display	LCD with backlight		
Working temperature	+15°C - +30°C		
IP rating	IP 43		
Power Supply	110-230 V AC, 50/60 Hz		
Operation time on batteries	45 hours (average time)		
Netweight / Grossweight	2,8 / 4,3 kg		
Size / Packing size	335x210x88 / 470x380x336 mm		

Accessories

Code	Description
BOE F1-2000	Calibration weight, 2 kg, F1
BOE F1-5000	Calibration weight, 5 kg, F1
BOE F1-10000	Calibration weight, 10 kg, F1



BOECO BLC MODELS

Our range of low-cost balances, an alternative for most basic weighing applications.

► Functions:

Simple three-key operation, Large weighing pan, Energy saving mode, Usable with single 9V battery or power supply. Multiple weigh units: Choose from: grams, ounces, pounds/ounces, pennyweight or troy ounces, Parts counting application.

The BLC 220 is supplied with a plastic windshield and an AC adaptor
The BLC 1500/BLC 3000 are supplied without battery and AC adaptor

Specification	BLC 220	BLC 1500	BLC 3000
Max. capacity	220 g	1500 g	3000 g
Readability	0,01 g	0,1 g	1 g
Tare range	0-220 g	0-1500 g	0-3000 g
Repeatability	± 0,02 g	± 0,1 g	± 1 g
Linearity	± 0,02 g	± 0,1 g	± 1 g
Pan size	∅ 110 mm	138 x 134 mm	
Stabilization time	4 sec.	2 sec.	
Calibration	external		
Display	LCD with LED backlight		
Working temperature	+10°C - +35°C		
Power Supply	9V/100mA battery or AC adaptor		
Netweight / Grossweight	458 g / 390 g		
Size	190x140x63 / 190x140x45 mm		

Code	Description
BOE 138134	Stainless steel platform for BLC 1500 / 3000



Model	Readability	Capacity
BLC 220	0,01 g	220 g



optional st. steel platform

Model	Readability	Capacity
BLC 1500	0,1 g	1500 g
BLC 3000	1 g	3000 g

BOECO MOISTURE ANALYZER BMA H50, BMA I50

Specification	BMA H50	BMA I50
Heating Module	Halogen emitter	IR emitter
Range of Drying temp	250°C	160°C
Max. capacity	50 g	
Readability	0,001 g	
Tare range	- 50 g	
Max mass sampling	50 g	
Accuracy of moisture reading	0,001 %	
Repeatability	±0,24 % (sample < 2 g) ±0,06 % (sample 2-10 g) ±0,04 % (sample >10 g)	
Max. height of tested sample	h = 20 mm	
Pan size	∅ 90 mm, h = 8 mm	
Drying modes	4 drying modes (standard, quick, step, mild)	
Auto switch off options	3 modes (manual, automatic, time defined)	
Additional functions	sample identification	
Power of heating device	400 W	
Interface	RS 232	
Display	LCD with backlight	
Working temperature	+10°C - +40°C	
Power Supply	110-240 V AC, 50/60 Hz	
Netweight / Grossweight	4,9 kgs / 6,4 Kg	
Size / Packing size	333x206x190 / 470x380x336 mm	



ACCESSORIES FOR BMA MOISTURE ANALYZERS

Code	Description
BOE PAN90	Aluminium sample pans, round, ∅ = 90 mm (box of 50)
BOE 440017	Glass fiber filters MG 161, 90 mm ∅, with binder, anorganic, 75 g/m ² (box of 50)
BOE F1-50	Calibration weight, 50 g, F1



PRINTER FOR BOECO BALANCES

Code	Description
BOE TMU220D	Epson TM-U 220D dot-matrix printer
BOE P0151	Cable to connect the printer with the BOECO balances with RS232 interface



DUST COVER FOR BOECO BALANCES

Code	Description
BOE DC-1	Dust cover for BAS 31 / BAS 32 PLUS balances
BOE DC-2	Dust cover for BAS 31 / BAS 52 PLUS balances BWL 51 / BWL 69 / BWL 61 balances