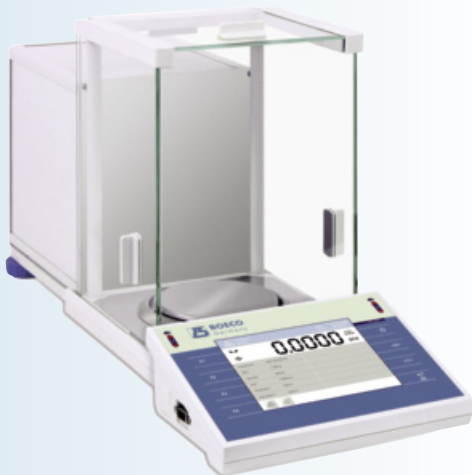


# BALANCES



Model	Readability	Capacity
BBY 31	0,00001 g	100 g
BBY 22	0,00001 g	82 g
(dual range)	0,0001 g	220 g

## 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

Specifiacion	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 50 - 100 g	0,00002 g 0,00003 g
		50 g 50-82 g 82 - 220 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	

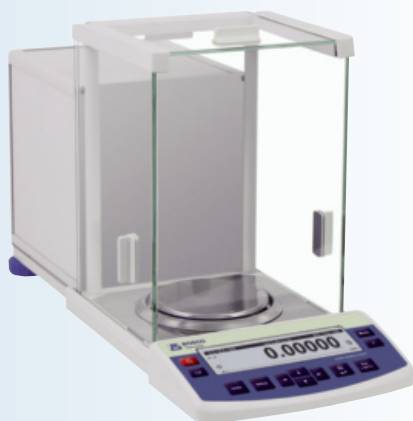
## BOECO BBX MODELS

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



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

Specifiacion	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 50 - 82 g 82 - 220 g	0,00002 g 0,00003 g 0,00008 g
		220 g 220-310 g
Linearity	± 0,00006 g ± 0,0002 g	± 0,0003 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	

## BOECO BAS MODELS

Our Standard Analytical balances with automatic internal calibration

► Functions:

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

Specifiaction	BAS 31	BAS 32
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	RS 232	
Display	LCD with backlight	
Working temperature	+ 10°C - +40°C	
Power Supply	110-230 V AC, 50/60 Hz	
Netweight / Grossweight	5,5 kgs / 8,2 Kg	
Size / Packing size	335x210x335 / 495x385x515 mm	



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

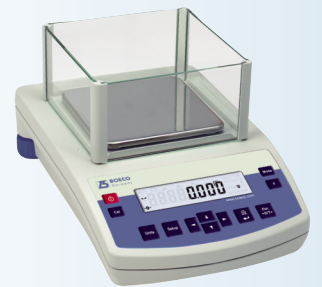
## BOECO BPS MODELS

Our Standard Precision balances with automatic internal calibration

► Functions:

Parts Counting, weighing in percent, checking, totalizing, filling, GLP procedures

Specifiaction	BPS 40	BPS 41	BPS 51	BPS 52
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	RS 232			
Display	LCD with backlight			
Working temperature	+ 10°C - +40°C			
Power Supply	110-230 V AC, 50/60 Hz			
Netweight / Grossweight	3,7 kgs / 5,6 kg		4,6 / 6,5 kg	
Size / Packing size	335x210x80 / 570x325x225 mm			



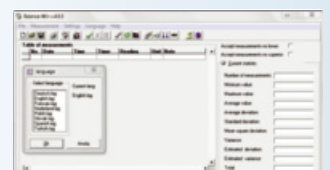
Model	Readability	Capacity
BPS 40	0,001 g	750 g
BPS 41	0,001 g	360 g



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

## ACCESSORIES

Code	Description
BOE KIT 85	Density determination KIT for solids and liquids for balances featuring weighing pan ø85 and ø100 mm
BOE KIT 128	Density determination KIT for balances with weighing pan 128 x 128
BOE WINPC	BALANCE-WIN PC Software
BOE P0108	RS 232 cable (Balance - Computer)



## 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,



Specifiacion	BWL 51	BWL 60	BWL 61
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	0,2 g	0,2 g
Linearity	± 0,03 g	± 0,2 g	± 0,2 g
Pan size	195 x 195 mm		
Stabilization time	3 sec.		
Calibration	external		
Interface	RS 232		
Display	LCD with backlight		
Working temperature	+ 10°C - +40°C		
IP rating	IP 43		
Power Supply	110-230 V AC, 50/60 Hz		
Operation time on batteries	45 hours (average time)		
Netweight / Grossweight	3,6 / 4,6 kg		
Size / Packing size	335x205x88 / 560x330x230 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 a AC adaptor  
The BLC 1500/BLC 3000 are supplied without battery and AC adaptor

Specifiacion	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
BWL 51	0,01 g	2000 g
BWL 60	0,1 g	6000 g
BWL 61	0,1 g	10 kg



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

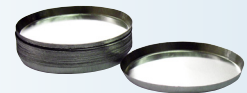
## BOECO MOISTURE ANALYZER BMA H50, BMA I50

Specifiaction	BMA H50	BMA I50
Heating Module	<b>Halogen emitter</b>	<b>IR emitter</b>
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	ø 90 mm, h = 8 mm	
Range of drying temp.	max. 160°C	
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 / 7 Kg	
Size / Packing size	335x210x158 / 520x390x435 mm	



## ACCESSORIES FOR BMA MOISTURE ANALYZERS

Code	Description
BOE PAN90	Aluminium sample pans, round, ø = 90 mm (box of 50)
BOE 440017	Glass fiber filters MG 161, 90 cm ø, with binder, anorganic, 75 g/m <sup>2</sup> (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