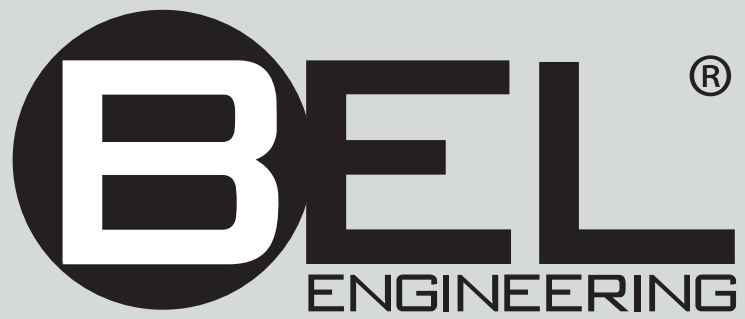




QUALITY THAT WEIGHS



A fusion of design and quality, balances S series encompass all the experience of higher class models in a small footprint portable balance. Thanks to a sophisticated software and a high-performance load cell, these balances reach superior weighing capacity. Solid structure, ergonomic keypad and the many embedded software functions make this balance a well featured product at a very competitive price.

Main features

- High readability load cell weighing system
- User selectable environmental filter
- Small footprint
- External calibration
- LCD with backlight with adjustable contrast
- Round glass draftshield
- RS232 serial interface
- Plastic protection cover
- Can power with external battery pack (optional)

Accessories

- Rechargeable battery pack external (AC015)
- Portable ioniser Ion-A15 (BL0371)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- PC data collection software (BL0476)
- Density KIT for solids and liquids (AC002 and AC004)
- Alphanumeric external keyboard (AC005)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Factory Calibration certificate (BL0333)

Technical data

- Span drift (+ 10...+ 30 °C): +/- 5ppm/°C
- Dimensions LxWxH (mm): 190x255x130
- Weighing chamber dimensions (1 mg) diameter-Height (mm): 133x70
- Power supply 110-230Vac, 50/60Hz; output 9V 1,2A multi plug
- Net Weight: 1,6Kg

S - Readability 0,001g-0,01g-0,1g



Portable rechargeable battery pack (optional)



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)
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External calibration

S123	120	0,001	Ø 80	0,001	± 0,003	≤ 3
S203	210	0,001	Ø 80	0,001	± 0,003	≤ 3
S303	310	0,001	Ø 80	0,001	± 0,003	≤ 3
S423	420	0,001	Ø 80	0,001	± 0,004	≤ 3
S622	620	0,01	Ø 130	0,01	± 0,02	≤ 2
S1002	1000	0,01	Ø 130	0,01	± 0,02	≤ 2
S2202	2200	0,01	Ø 130	0,01	± 0,03	≤ 3
S3102	3100	0,01	Ø 130	0,01	± 0,03	≤ 3
S4202	4200	0,01	Ø 130	0,01	± 0,04	≤ 3
S3201	3200	0,1	150x140	0,05	± 0,2	≤ 2
S5201	5200	0,1	150x140	0,05	± 0,2	≤ 2
S6501	6500	0,1	150x140	0,05	± 0,2	≤ 2

⁽¹⁾ Optional external battery pack (AC015)

Balances Series L are a synthesis of design, performance and convenience. Thanks to a sophisticated software and to a high-performance load cell, these balances deliver top performance at competitive prices.

Double case structure, ergonomic keypad, maximum capacity 10Kg. Many embedded advanced features make them perfect for your work.

Main features

- High readability load cell weighing system
- User selectable environmental filter
- External calibration
- LCD with backlight with adjustable contrast
- Plastic protection cover
- RS232 serial interface
- Under hook weighing

Accessories

- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- PC data collection software (BL0476)
- Portable rechargeable battery pack (AC015)
- Alphanumeric external keyboard (AC005)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Factory Calibration certificate (BL0333)

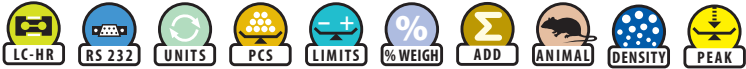
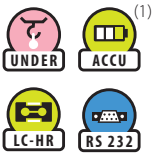
Technical data

- Span drift (+ 10...+ 30 °C): +/- 6ppm/°C
- Dimensions LxWxH (mm): 345x215x100
- Power supply 110-230Vac, 50/60Hz; output 9V 1,2A multi plug
- Net Weight: 3,5Kg

L - Readability 0,1g



Portable rechargeable battery pack (optional)



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)
External calibration						
L4501	4500	0,1	175x195	0,05	± 0,1	≤ 2
L5201	5200	0,1	175x195	0,05	± 0,1	≤ 2
L6501	6500	0,1	175x195	0,05	± 0,1	≤ 2
L8001	8000	0,1	175x195	0,05	± 0,2	≤ 2
L10001	10000	0,1	175x195	0,05	± 0,2	≤ 2

⁽¹⁾ Optional external battery pack (AC015)

Balances L series are a synthesis of design, performance and convenience. Thanks to a sophisticated software and to a high-performance load cell, these balances deliver top performance at competitive prices.

Double case structure, ergonomic keypad, external or internal calibration. Many embedded advanced features make them perfect for your work.

Main features

- High readability load cell weighing system
- User selectable environmental filter
- External or automatic internal calibration
- LCD with backlight with adjustable contrast
- Plastic protection cover
- RS232 serial interface
- Under hook weighing

Accessories

- Portable ioniser Ion-A15 (BL0371)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- PC data collection software (BL0476)
- Portable rechargeable battery pack (AC015)
- Density KIT for solids and liquids (AC004)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Factory Calibration certificate (BL0333)
- Conformity Declaration (Verification)

Technical data

Common features

- Span drift (+ 10...+ 30 °C): +/- 5ppm/°C
- Dimensions LxWxH (mm): 345x215x100
- Power supply 110-230Vac, 50/60Hz; output 9V 1,2A multi plug

External calibration models

- Net Weight: 3,3Kg

Internal calibration models

- Net Weight: 3,6Kg

L - Readability 0,01g



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)
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External calibration

L1002	1000	0,01	Ø 160	0,01	± 0,02	≤ 3
L2202	2200	0,01	Ø 160	0,01	± 0,03	≤ 3
L3202	3200	0,01	Ø 160	0,01	± 0,03	≤ 3
L4202	4200	0,01	Ø 160	0,01	± 0,04	≤ 4
L5202	5200	0,01	Ø 160	0,01	± 0,04	≤ 4

Automatic internal calibration

L1002i	1000	0,01	Ø 160	0,01	± 0,02	≤ 3
L2202i	2200	0,01	Ø 160	0,01	± 0,03	≤ 3
L3202i	3200	0,01	Ø 160	0,01	± 0,03	≤ 3
L4202i	4200	0,01	Ø 160	0,01	± 0,04	≤ 4

Verified models:
see page 34

⁽²⁾ Only for external calibration model

⁽³⁾ Optional external battery pack (AC015)

Balances L series are a synthesis of design, performance and convenience. Thanks to a sophisticated software and to a high-performance load cell, these balances deliver top performance at competitive prices.

Double case structure, ergonomic keypad, external or internal calibration. Many embedded advanced features make them perfect for your work.

Main features

- High readability load cell weighing system
- User selectable environmental filter
- External or automatic internal calibration
- LCD with backlight with adjustable contrast
- Round glass draftshield
- Plastic protection cover
- RS232 serial interface
- Under hook weighing ⁽¹⁾

Accessories

- Portable ioniser Ion-A15 (BL0371)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- Portable rechargeable battery pack (AC015)
- Density KIT for solids and liquids (AC002)
- PC data collection software (BL0476)
- Alphanumeric external keyboard (AC005)
- Serial to USB converter (E1002)
- Factory Calibration certificate (BL0333)

Technical data

Common features

- Span drift (+ 10...+ 30 °C): +/- 4ppm/°C
- Dimensions LxWxH (mm): 345x215x155
- Weighing chamber dimensions diameter-Height (mm): 150x70
- Power supply 110-230Vac, 50/60Hz; output 9V 1,2A multi plug

External calibration models

- Net Weight: 3,3Kg

Internal calibration models

- Net Weight: 3,6Kg

L - Readability 0,001g



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)
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External calibration

L203	210	0,001	Ø 110	0,0006	± 0,003	≤ 3
L303	310	0,001	Ø 110	0,0006	± 0,003	≤ 3
L423	420	0,001	Ø 110	0,001	± 0,004	≤ 4

Automatic internal calibration

L203i	210	0,001	Ø 110	0,0006	± 0,003	≤ 3
L303i	310	0,001	Ø 110	0,0006	± 0,003	≤ 3
L423i	420	0,001	Ø 110	0,001	± 0,004	≤ 4

⁽¹⁾ Only for external calibration model

⁽²⁾ Optional external battery pack (AC015)

Balances LW series combine design, performance and convenience. Thanks to a sophisticated software and to a high-performance load cell, these balances deliver top performance at competitive prices.

Double case structure, ergonomic keypad, external or internal calibration. Many embedded advanced features make them perfect for your work.

Main features

- High readability load cell weighing system
- User selectable environmental filter
- Automatic internal calibration
- LCD with backlight with adjustable contrast
- Large glass draftshield with 3 sliding doors for easy access to the items
- Plastic protection cover
- RS232 serial interface
- Under hook weighing ⁽¹⁾

Accessories

- Portable ioniser Ion-A15 (BL0371)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- PC data collection software (BL0476)
- Portable rechargeable battery pack (AC015)
- Density KIT for solids and liquids (AC002)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Factory Calibration certificate (BL0333)

Technical data

Common features

- Span drift (+ 10...+ 30 °C): +/- 4ppm/°C
- Dimensions LxWxH (mm): 345x215x345
- Weighing chamber dimensions LxWxH (mm): 162x171x225
- Power supply 110-230Vac, 50/60Hz; output 9V 1,2A multi plug

Internal calibration models

- Net Weight: 4,6Kg

LW - Readability 0,001g



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)

Automatic internal calibration

LW203i	210	0,001	Ø 110	0,0006	± 0,003	≤ 3
LW303i	310	0,001	Ø 110	0,0006	± 0,003	≤ 3
LW423i	420	0,001	Ø 110	0,001	± 0,004	≤ 4

⁽¹⁾ Optional external battery pack (AC015)

Balances M series combine the unique BEL design with high level performance, guaranteed by the electromagnetic force restoration weighing cell.

Double case structure, ergonomic keypad, external or internal calibration. Many embedded advanced features make them ideal instruments for your work in laboratory, research and quality control applications.

Main features

- Electromagnetic force restoration weighing system
- User selectable environmental filter
- External or automatic internal calibration
- LCD with backlight with adjustable contrast
- Plastic protection cover
- RS232 serial interface
- Under hook weighing ⁽¹⁾

Accessories

- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- Density KIT for solids and liquids (AC004)
- PC data collection software (BL0476)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Factory Calibration certificate (BL0333)
- Conformity Declaration (Verification)

Technical data

Common features

- Span drift (+ 10...+ 30 °C): +/- 4ppm/°C
- Dimensions LxWxH (mm): 345x215x100
- Power supply 110-230Vac, 50/60Hz; output 24V 1A multi plug

External calibration models

- Net Weight: 4,6Kg

Internal calibration models

- Net Weight: 5,1Kg



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)
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External calibration

M4202	4200	0,01	Ø 160	0,01	± 0,03	≤ 2
M5202	5200	0,01	Ø 160	0,01	± 0,03	≤ 3
M6202	6200	0,01	Ø 160	0,01	± 0,03	≤ 3
M5502D	800/5500	0,01/0,1	Ø 160	0,005/0,03	± 0,01/± 0,1	≤ 2

Automatic internal calibration

M4202i	4200	0,01	Ø 160	0,01	± 0,03	≤ 2
M5202i	5200	0,01	Ø 160	0,01	± 0,03	≤ 3
M6202i	6200	0,01	Ø 160	0,01	± 0,03	≤ 3
M5502Di	800/5500	0,01/0,1	Ø 160	0,005/0,03	± 0,01/± 0,1	≤ 2
M6202Di	4000/6200	0,01/0,1	Ø 160	0,01/0,03	± 0,03/± 0,1	≤ 3

Verified models:
see page 34

A Top Quality series of Precision Balances that combine elegance with highly reliable measuring performance.

Double case structure, ergonomic keypad, external or internal calibration. Many embedded advanced features make them perfect for use in laboratory, research departments, formulation and quality control applications

Main features

- Electromagnetic force restoration weighing system
- User selectable environmental filter
- External or automatic internal calibration
- LCD with backlight with adjustable contrast
- Round glass draftshield
- Plastic protection cover
- RS232 serial interface
- Under hook weighing (only for external calibration models)

Accessories

- Portable ioniser Ion-A15 (BL0371)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- Density KIT for solids and liquids (AC002)
- PC data collection software (BL0476)
- Serial to USB converter (E1002)
- Serial cable for serial output to printer or PC (E743)
- Factory Factory Calibration certificate (BL0333)
- Conformity Declaration (Verification)

Technical data

Common features

- Span drift (+ 10...+ 30 °C): +/- 4ppm/°C
- Dimensions LxWxH (mm): 345x215x155
- Weighing chamber dimensions diameter-Height (mm): 150x70
- Power supply 110-230Vac, 50/60Hz; output 24V 1A multi plug

External calibration models

- Net Weight: 4,6Kg

Internal calibration models

- Net Weight: 4,9Kg

M - Readability 0,001g



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)
External calibration						

M523	520	0,001	Ø 110	0,001	± 0,002	≤ 2
M723	720	0,001	Ø 110	0,001	± 0,002	≤ 2
M1003	1000	0,001	Ø 110	0,001	± 0,003	≤ 3
M1203	1200	0,001	Ø 110	0,001	± 0,003	≤ 3

Automatic internal calibration

M523i	520	0,001	Ø 110	0,001	± 0,002	≤ 2
M723i	720	0,001	Ø 110	0,001	± 0,002	≤ 2
M1003i	1000	0,001	Ø 110	0,001	± 0,003	≤ 3
M1203i	1200	0,001	Ø 110	0,001	± 0,003	≤ 3

Verified models:
see page 34



Model	Max (g)	Readability [d] (g)	Pan (mm)	Repeatability (St.Dev.) (g)	Linearity (g)	Response time (sec.)
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Automatic internal calibration

MW523i	520	0,001	Ø 110	0,001	± 0,002	≤ 2
MW1203i	1200	0,001	Ø 110	0,001	± 0,003	≤ 3
MW2103i	2100	0,001	Ø 110	0,001	± 0,005	≤ 3

Verified models:
see page 35

A Top Quality series of Precision Balances that combine elegance with highly reliable measuring performance.

Double case structure, ergonomic keypad, external or internal calibration. Many embedded advanced features make them perfect for use in laboratory, research departments and quality control applications.

Main features

- Electromagnetic force restoration weighing system
- User selectable environmental filter
- Automatic internal calibration
- LCD with backlight with adjustable contrast
- Large glass draftshield with 3 sliding doors for easy access to the items being weighed
- RS232 serial interface
- Plastic protection cover

Accessories

- Portable ioniser Ion-A15 (BL0371)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Dot-matrix Printer TX-110, with functions (AC030)
- Density KIT for solids and liquids (AC002)
- PC data collection software (BL0476)
- Serial to USB converter (E1002)
- Serial cable for output to printer/PC (E743)
- Factory Calibration certificate (BL0333)
- Conformity Declaration (Verification)

Technical data

Common features

- Span drift (+ 10...+ 30 °C): +/- 4ppm/°C
- Dimensions LxWxH (mm): 345x215x345
- Weighing chamber dimensions LxWxH (mm): 162x171x225
- Power supply 110-230Vac, 50/60Hz; output 24V 1A multi plug

Internal calibration models

- Net Weight: 6,3Kg