PHOENIX Instrument

Lab solutions



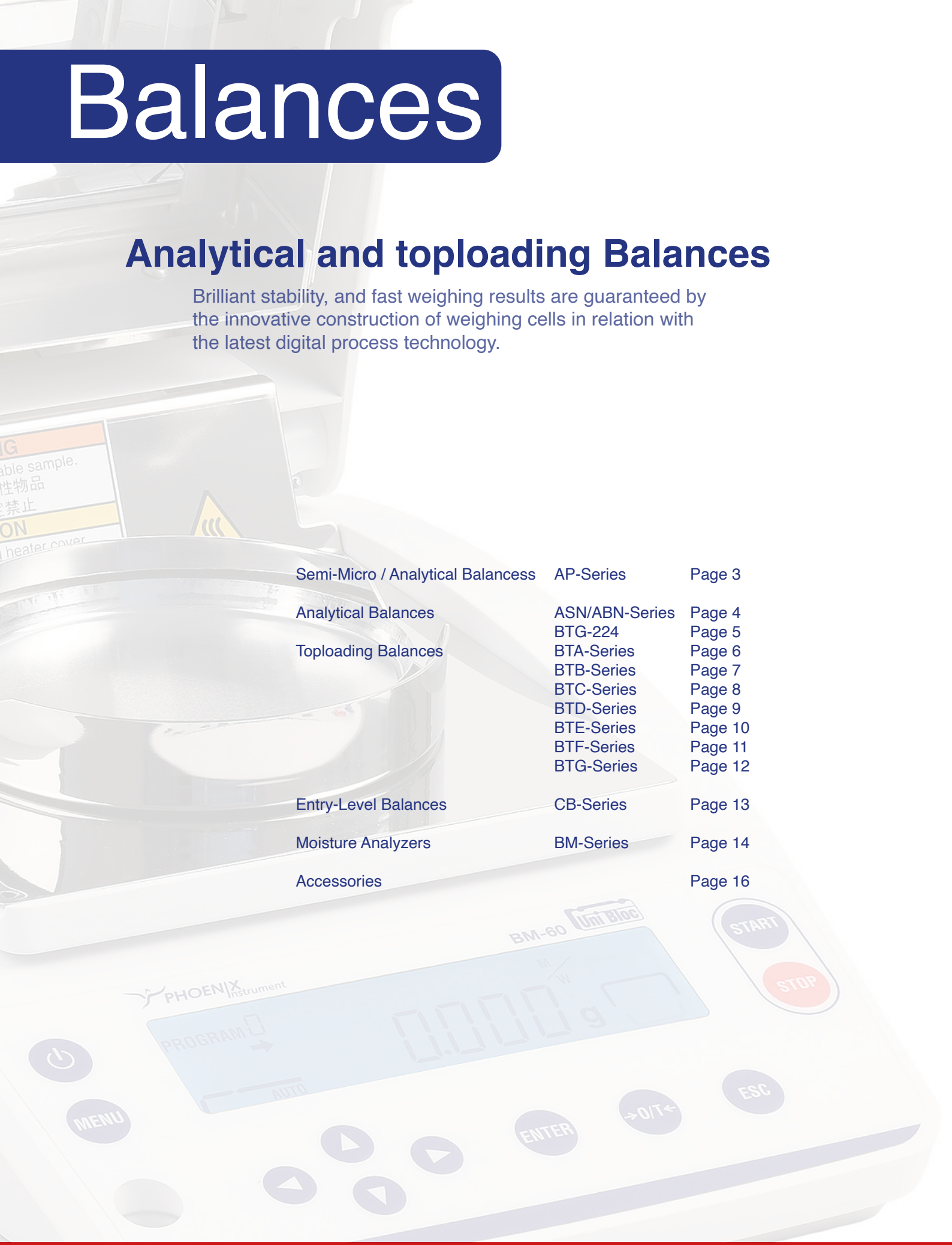
Balances

Balances

Analytical and toploading Balances

Brilliant stability, and fast weighing results are guaranteed by the innovative construction of weighing cells in relation with the latest digital process technology.

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AP - Series

The AP-series is the first line of semi-micro balances, equipped with the revolutionary UNIBLOC-weighing system. It guarantees brilliant stability, response and reliability characteristics.

The innovative and compact construction of the weighing cell in relation with the digital process technology enables fastest weighing results and highest stability.



AP-224

AP-Series

- automatic adjustment to environmental conditions
- huge, user-friendly weighing chamber
- RS-232 interface
- easy handling of all procedures
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %, density determination)
- weighing in different units
- weighing below the balance
- GLP/GMP-conform protocol
- user-defined printing intervals
- protection cover as standard
- backlit display (only at 0.1 mg)
- aluminum die-cast housing
- EU verified on demand

5 Years Warranty

Three calibration procedures

- fully automatic calibration after temperature deviation
- fully automatic calibration at user-defined time intervals
- calibration per push CAL-button with built-in calibration weight

Model	Accuracy	Capacity	Pan Size	Meas. Time
AP-225	0.01 mg / 0.1 mg	82 g / 220 g	80 mm	3/15 sec
AP-125	0.01 mg / 0.1 mg	42 g / 120 g	80 mm	3/12 sec
AP-324	0.1 mg	320 g	80 mm	3 sec
AP-224	0.1 mg	220 g	80 mm	3 sec
AP-124	0.1 mg	120 g	80 mm	3 sec

ASN / ABN - Series

The ASN / ABN-Series is the all-round analytical balance for the laboratory. It guarantees brilliant stability, response and reliability characteristics. The innovative and compact construction of the weighing cell in relation with the digital process technology enables fastest weighing results and highest stability.



ASN-224

ASN / ABN-Series

- huge, user-friendly weighing chamber
- easy handling of all procedures
- RS-232 interface
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %)
- GLP/GMP-conform protocol
- user-defined printing intervals
- aluminum die-cast housing
- protection cover as standard

3 Years Warranty

Model	Accuracy	Capacity	Pan Size	Calibration	Meas. Time
ASN-324	0.1 mg	320 g	90 mm	internal	2 - 3 sec
ASN-224	0.1 mg	220 g	90 mm	internal	3 sec
ASN-124	0.1 mg	120 g	90 mm	internal	3 sec
ABN-224	0.1 mg	220 g	90 mm	extern	3 sec
ABN-124	0.1 mg	120 g	90 mm	extern	3 sec

BTG-224

The new neue analytical balance BTG-224 is ideal for all lab purpose. It combines easy handling, modern design and precise results.



BTG-224

BTG-224

- internal calibration
- reliable weighing system
- GLP-conform protocol (when connected to PC or printer)
- different user programs
- RS-232 Interface
- protection cover

3 Years Warranty

Technical Data	BTG-224
Capacity	220 g
Accuracy	0.1 mg
Reproducibility	0.1 mg
Linearity	0.2 mg
Meas. time	3 sec
Rechargeable Batteries	yes
Pan size	90 mm
Dimension	yes

BTA-Series

The BTA-Series is equipped with the revolutionary UNIBLOC-weighing system. It guarantees brilliant stability, response and reliability characteristics. The innovative and compact construction of the weighing cell in relation with the digital process technology enables fastest weighing results and highest stability.

BTA-Series

5 Years Warranty



- automatic adjustment to environmental conditions
- easy handling of all procedures
- RS-232 interface
- weighing in different units
- weighing below the balance
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, animal weighing...)
- GLP/GMP-conform protocol
- user-defined printing intervals
- aluminum die-cast housing
- protection cover as standard
- backlit display



BTA-6202

Three calibration procedures

- fully automatic calibration after temperature deviation
- fully automatic calibration at user-defined time intervals
- calibration per push CAL-button with built-in calibration weight

Model	Accuracy	Capacity	Pan Size	Meas. Time
BTA-1023	0.001 g	1,020 g	108 x 105 mm	3 sec
BTA-623	0.001 g	620 g	108 x 105 mm	3 sec
BTA-423	0.001 g	420 g	108 x 105 mm	3 sec
BTA-6202	0.01 g	6,200 g	170 x 180 mm	3 sec
BTA-4202	0.01 g	4,200 g	170 x 180 mm	3 sec
BTA-2202	0.01 g	2,200 g	170 x 180 mm	3 sec
BTA-822	0.01 g	820 g	108 x 105 mm	3 sec
BTA-8201	0.1 g	8,200 g	170 x 180 mm	3 sec
BTA-4201	0.1 g	4,200 g	170 x 180 mm	3 sec

BTB-Series

The BTB-Series is equipped with the revolutionary UNIBLOC-weighing system which guarantees brilliant stability, response and reliability characteristics. The innovative and compact construction of the weighing cell in relation with the digital process technology enables fastest weighing results and highest stability. Calibration per push on the CAL-button with an external calibration weight.

BTB-Series

- automatic adjustment to environmental conditions
- easy handling of all procedures
- RS-232 interface
- weighing in different units
- weighing below the balance
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %, animal weighing ...)
- user-defined printing intervals
- aluminum die-cast housing
- backlit display
- protection cover as standard





5 Years Warranty

BTB-6202

External Calibration
3 seconds measuring time

Model	Accuracy	Capacity	Pan Size
BTB-623	0.001 g	620 g	108 x 105 mm
BTB-423	0.001 g	420 g	108 x 105 mm
BTB-6202	0.01 g	6,200 g	170 x 180 mm
BTB-4202	0.01 g	4,200 g	170 x 180 mm
BTB-2202	0.01 g	2,200 g	170 x 180 mm

BTC-Series

The brandnew BTC-Series sets new standards with the revolutionary weighing system UNIBLOC and the state-of-the-art design.

5 Years Warranty





BTC-423V

BTC-Series

- built-in calibration weight
- separate stability indication
- RS-232 interface
- huge weighing chamber with glass wind protection as standard
- fast and convenient handling with the new menu operating key
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %)
- new backlit display for more comfortable readings
- EU verified on demand

Internal Calibration
2 seconds measuring time

Model	Accuracy	Capacity	Pan Size
BTC-423	0.001 g	420 g	110 mm
BTC-323	0.001 g	320 g	110 mm
BTC-223	0.001 g	220 g	110 mm

BTD-Series

The BTD-Series combines state-of the art design, easy handling, extensive equipment and brilliant weighing results delivered by using the revolutionary UNIBLOC-weighing system, to a unique standard balance.

BTD - Series

- calibration per push on the CAL-button with an external calibration weight
- separate stability indication
- RS 232 interface
- huge weighing chamber with glass wind protection as standard (mg-balances)
- fast and convenient handling with the new menu operating key
- direct data transfer into Windows application by Windows direct function
- various application programs (e. g. formulation, counting, %)
- new backlit display for more comfortable readings
- many models EU verified on demand

5 Years Warranty





BTD-3202

External Calibration
2 seconds measuring time

Model	Accuracy	Capacity	Pan Size
BTD-423	0.001 g	420 g	110 mm
BTD-323	0.001 g	320 g	110 mm
BTD-223	0.001 g	220 g	110 mm
BTD-4202	0.01 g	4,200 g	167 x 181 mm
BTD-3202	0.01 g	3,200 g	167 x 181 mm
BTD-2202	0.01 g	2,200 g	167 x 181 mm

BTE-Series

State-of-art-design, smart handling, extensive equipment, top prices.

BTE-Series

- calibration per push on the CAL-button with an external calibration weight
- separate stability indication
- fast and convenient handling with the new menu operating key
- direct data transfer into Windows application by Windows direct function
- RS 232 interface
- various application programs (e. g. formulation, counting, %)
- new backlit display for more comfortable readings



BTE-622

External Calibration
2 seconds measuring time

Model	Accuracy	Capacity	Pan Size
BTE-622	0.01 g	620 g	110 mm
BTE-6201	0.1 g	6,200 g	160 mm
BTE-4201	0.1 g	4,200 g	160 mm

BTF-Series

The brandnew BTF-series offers an excellent economical alternative in the range of toploading balances with an accuracy of 0.001 g to 0.01 g.

BTF-Series

- internal calibration weight (BTF-1003i, BTF6202i, BTF-4202i)
- huge, backlit display
- glass ring protection as standard at mg-balances
- convenient and easy operation
- various application programs
- RS-232-interface

3 Years Warranty



BTF-1003

3 seconds measuring time

Model	Accuracy	Capacity	Pan Size	Calibration
BTF-1003	0.001 g	1,000 g	110 mm	extern
BTF-1003i	0.001 g	1,000 g	110 mm	inten
BTF-6202	0.01 g	6,200 g	160 mm	extern
BTF-6202i	0.01 g	6,200 g	160 mm	inten
BTF-4202	0.01 g	4,200 g	160 mm	extern
BTF-4202i	0.01 g	4,200 g	160 mm	inten

BTG-Series

The brandnew BTG-series consists of multi-functional balances with a number of application programs.They are easy to handle and well-equipped. The internal rechargeable battery ensures a maximum of portability.

BTG-Series

- large, bright display
- intuitive and easy operation, large weighing pan
- Model BTG-303 with protection housing
- Calibration weight included
- various application programs
- RS-232 interface

3 Years Warranty



BTG-2002





BTG-303

External Calibration

Model	Accuracy	Capacity	Pan Size	Meas. Time
BTG-303	0.001 g	300 g	118 mm	2-3 sec
BTG-2002	0.01 g	2,000 g	188 x 148 mm	2 sec
BTG-6001	0.1 g	6,000 g	188 x 148 mm	2 sec

Entry-Level Model CB-2002 N and CB-6001 N

New entry-level balance for fast and reliable results at an affordable price.

CB-Serie

- backlit LCD - display
- rechargeable battery included
- various programs
- external calibration
- stainless steel pan

2 Years Warranty



CB-2002 N

Technical Data	CB-2002 N	CB-6001 N
Capacity	2,000 g	6,000 g
Accuracy	0.01 g	0.1 g
Reproductibility	0.02 g	0.2 g
Linearity	+/- 0.03 g	+/- 0.2 g
Meas. time	3 sec	1.5 sec
Rechargeable batteries	yes	yes
Pan size	160 x 120 mm	192 x 143 mm

Moisture Analyzer BM-60



BM-60

BM-60

- the large, backlit graphic display for easily read out even under poor lighting conditions
- the huge sample pan allows placing even larger samples on the instrument
- infrared quartz heater provides effective and homogen drying without interference
- auto-zero function ensures high accuracy measurements
- graphic display of the drying curves
- 5 different drying modes can be combined with 2 stop-functions



Technical Data	BM-60
Capacity	60 g
Accuracy	0.001 g / 0.01 %
Reproducibility	0.002 g / 0.05 %
Pan size	95 mm
Meas. units	Gram, % Moisture, % Solids
Stabilisation time	2-3 sec
Internal memory	10 Programs, 100 Test results
Calibration	automatic external
Heating source	400 W-Halogen heater, 50 - 160 °C
Drying programs	Standard, Drying in steps, gentle and fast huge
Display	large backlit LCD display

Moisture Analyzer BM-65

The newly developed moisture analyzer BM-65 is characterized by numerous features, helping the user to make working and testing with the instrument easy and convenient.

BM-65

- large, backlit display for easy readouts
- various parameters can be displayed simultaneously
- automatic test function
- powerful 400 W halogen heater
- internal memory
- automatic test run after the lid is closed
- pan lifter makes placing and changing of probes easier
- bi-lingual menue
- RS232 interface



BM-65



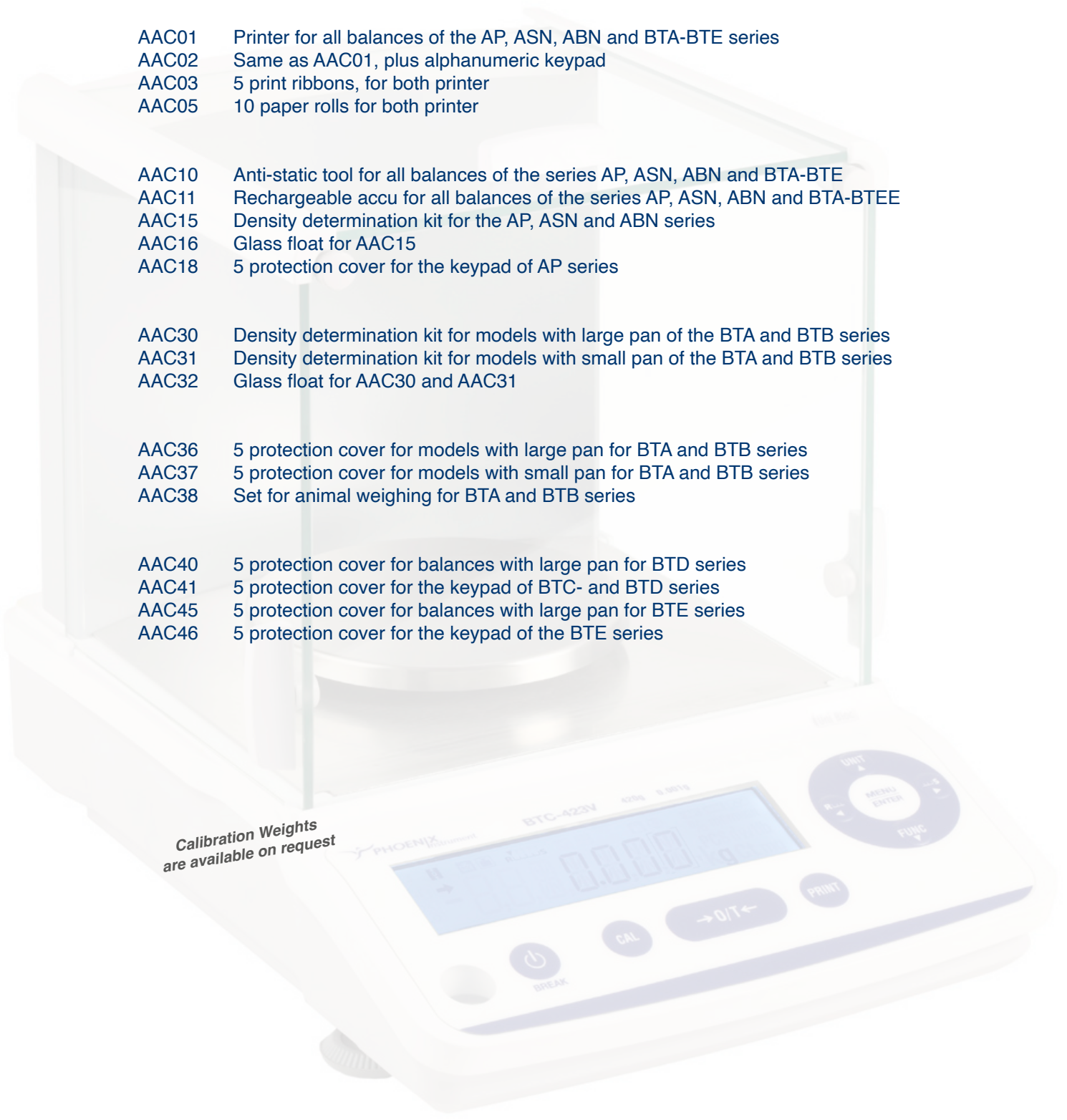
3 Years Warranty

Technical Data	BM-65
Capacity	65 g
Accuracy	0.001 g / 0.01 %
Reproducibility	0.002 g / 0.05 %
Pan size	90 mm
Meas. units	Gram, % moisture, % solids, % moisture on dry bases (ATO %S)
Stabilisation time	4 sec
Internal memory	Up to 99 test results or 49 programable user setting
Calibration	external
Heating source	400 W-Halogen heater, 50 - 160 °C
Drying programs	standard one step up to 3 temp. stepping ramps
Display	large backlit LCD display

Accessories Weighing Technology

AAC01	Printer for all balances of the AP, ASN, ABN and BTA-BTE series
AAC02	Same as AAC01, plus alphanumeric keypad
AAC03	5 print ribbons, for both printer
AAC05	10 paper rolls for both printer
AAC10	Anti-static tool for all balances of the series AP, ASN, ABN and BTA-BTE
AAC11	Rechargeable accu for all balances of the series AP, ASN, ABN and BTA-BTEE
AAC15	Density determination kit for the AP, ASN and ABN series
AAC16	Glass float for AAC15
AAC18	5 protection cover for the keypad of AP series
AAC30	Density determination kit for models with large pan of the BTA and BTB series
AAC31	Density determination kit for models with small pan of the BTA and BTB series
AAC32	Glass float for AAC30 and AAC31
AAC36	5 protection cover for models with large pan for BTA and BTB series
AAC37	5 protection cover for models with small pan for BTA and BTB series
AAC38	Set for animal weighing for BTA and BTB series
AAC40	5 protection cover for balances with large pan for BTD series
AAC41	5 protection cover for the keypad of BTC- and BTD series
AAC45	5 protection cover for balances with large pan for BTE series
AAC46	5 protection cover for the keypad of the BTE series

Calibration Weights are available on request



Accessories Weighing Technology

AAC50	Carrying case for CA-Series
AAC51	Rechargeable accu for CA-series
AAC60	Sample pans aluminium (500 pieces) for BM-120
AAC63	Paper rolls (10 rolls) for AAC62
AAC70	Sample pans aluminium (250 per box) for BM-65
AAC71	Temperature calibration kit for BM-65
AAC73	Anti-theft lock for BM-65
AAC80	Weighing table made of granite, size: 900 x 600 x 750 mm



Table AAC80

Visit our website

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